

62
Our
63rd
Year

PINO'S

Garden Book

FLOWER
VEGETABLE
and
LAWN SEEDS

for 1963



ZINNIA, THUMBELINA

1963 All-America Gold Medal Winner

Pkt. 50c.

WILLIS S. PINO

SEEDSMEN SINCE 1900

**38 Fountain Street at Union Street
PROVIDENCE 3 RHODE ISLAND**

National Agricultural Library
RECEIVED

★ FEB 19 1963 ★

U. S. Department of Agriculture

PINO'S LAWN SEED

Park Lawn Mixture

A leading mixture for 63 years. We use only the highest quality, extra clean seed, as free from weeds as possible. A well-balanced mixture that will produce a rich, velvety, permanent carpet. Sow 5 lbs. to 1000 sq. ft. $\frac{1}{2}$ lb. 60c., 1 lb. \$1.15, 2 $\frac{1}{2}$ lbs. \$2.80, 5 lbs. \$5.50, 10 lbs. \$10.00, 15 lbs. \$14.55, 20 lbs. \$19.00, 25 lbs. \$23.00, 50 lbs. \$45.00.

Shady Nook Grass Mixture

As it is quite difficult to produce a satisfactory growth of grass in shady spots, we have made a special mixture for such places. In very shady places sometimes soil will be found to be sour and in this case an application of limestone will be quite helpful, using about 50 lbs. to each 1000 sq. ft. More applications of fertilizer will be needed, and during dry weather be quite liberal with water. $\frac{1}{2}$ lb. 65c., 1 lb. \$1.25, 2 $\frac{1}{2}$ lbs. \$2.95, 5 lbs. \$5.85, 10 lbs. \$11.60, 15 lbs. \$16.80, 20 lbs. \$22.00, 25 lbs. \$27.00, 50 lbs. \$52.50, 100 lbs. \$105.00.

University of R. I. Mixture #1

Recommended for home lawns, athletic fields and other turfgrass areas where a good tough turf is desired. Lb. \$1.25, 5 lbs. \$6.10, 10 lbs. \$12.00.

University of R. I. Mixture #2

This mixture will produce a good Fescue-Bluegrass lawn. Excellent for quick germination and for use during the summer months. Lb. \$1.00, 5 lbs. \$4.75, 10 lbs. \$9.00.

Lawn and Field Grasses

Prices Subject to Change without Notice

Kentucky Bluegrass. A superior grass for pasture and lawns. It is best when combined with other grasses which develop more rapidly. Succeeds well in all soils. Lb. 95c., 5 lbs. \$4.50, 10 lbs. \$8.50.

Merion Kentucky Bluegrass. An outstanding new grass. Forms a dark green, thick turf and withstands drought and disease. Lb. \$2.50.

Rhode Island Bent. One of the best grasses for lawn in adapting itself to almost any soil—dry, moist or sandy. Very carefully selected stock, thoroughly cleaned. Market Price.

Red Fescue (Illahae Creeping). Thrives on all types of soil. Forms a thick turf, crowding weeds out. Color deep green. Recovers quickly from drought. Lb. 75c., 5 lbs. \$3.50, 10 lbs. \$6.50.

Red Top (Fancy). Used as one of the principal ingredients in lawn seed mixtures. Excellent for pasture when sown with Timothy. Sow 8 to 10 lbs. to the acre for pasture. Lb. 85c., 5 lbs. \$4.00, 10 lbs. \$7.50.

White Clover. Desirable for mixing with lawn seed where soil is poor and sandy. Also desirable at seashore where it is difficult to establish grass. Pkt. 25c., $\frac{1}{4}$ lb. 50c., $\frac{1}{2}$ lb. 90c., 1 lb. \$1.75, 5 lbs. \$8.50.

Rye Grass, Domestic. Valuable as a nurse grass, rapid grower, but not permanent. Lb. 30c., 5 lbs. \$1.25, 10 lbs. \$2.25.

Rye Grass (Perennial). A quick growing grass which is suitable for mixtures, pastures, hay and lawns. Succeeds well on almost any soil not water logged. Sow 35 lbs. to the acre for pasture. Lb. 40c., 5 lbs. \$1.75, 10 lbs. \$3.25.



H-H TURF AND TREE FERTILIZER

The original 10-6-4 Turf and Tree Fertilizer with 55% Organic Nitrogen. Now improved with Urea Form nitrogen for controlled turf feeding without surging growth. Truly one of the finest turf and tree foods ever made. 50-lb. bag will feed over 5000 sq. ft. \$4.75.

DU PONT TURF FOOD

Du Pont Turf Food 20-10-10 analysis is a complete fertilizer especially formulated for lawns. It contains guaranteed 40% primary lawn nutrients, more active ingredients per pound than any other lawn fertilizer. Long-lasting and non-burning because 75% of the nitrogen is derived from Du Pont Uramite®. 25-lb. bag covers 5000 sq. ft. \$4.95.



ORGANIC LAWN FOOD

LIGHT FANTASTIC LAWN FOOD (20-6-4)

A lightweight lawn food with organic nitrogen and an all-organic base. 50% of the nitrogen is obtained from Urea Form, assuring slow, continuous lawn nourishment. Result of best scientific research available. 25-lb. bag will feed 5000 sq. ft.

NEWEST DEVELOPMENT. Light Fantastic is a new, truly lightweight, organic lawn food. It will neither cake nor leach out. Its clean, dust-free granules will not blow when applied—will stay in place even on sharp slopes.

EASY TO APPLY. Clean, dry and smooth, Light Fantastic is also pleasantly pine-scented. You may apply it safely at any time by hand or with a spreader, without having to get into work clothes.

LONG-LASTING FEEDING. Light Fantastic contains no mica. It will decompose completely over a long period . . . releasing its organic nutrients slowly and steadily . . . giving your lawn uniform, luxuriant green growth.

HOW TO APPLY. For feeding every 4 to 6 weeks, apply contents of this bag (25 lbs.) to 5000 sq. ft. of lawn. For feeding semi-annually, apply contents over 2500 sq. ft. of lawn. For feeding once a year, apply contents over 1200 sq. ft.

25-lb. bag (feeds 5000 sq. ft.) \$4.95; 2 bags \$9.50.



EROSIONET

A strong, open-mesh paper fabric. Useful in making new lawns; prevents washouts from heavy rains. Use to cover berries to protect from birds.

Handy Pack. An easy-to-use roll of 15 lineal yards, 40 inches wide. Complete with wire fastening labels. Color green. \$4.98.

1963 Novelties and Specialties

ALYSSUM, "Rosie O'Day"

Silver Medal Winner

At last we have a Sweet Alyssum that is pink. This is a neat dwarf gem type of Alyssum, forming 6-in. mounds completely covered with blooms. The deep pink hue distinctly increases the uses of Alyssum for edging and rock gardens. Pkt. 35c.

BALSAM, "Tom Thumb"

(New)

An extra dwarf variety of the popular Bush Balsam. The flowers are large and double, with many new colors such as purple, carmine and pure white. Pkt. 25c.

BASIL, "Dark Opal"

All-America Winner

A very attractive plant. Foliage dark purplish bronze. Flowers lavender-white, on slender spikes. Very decorative and useful as an herb. Pkt. 50c.

CHRYSANTHEMUM, "Japonicum"

A special mixture of large-flowering hardy Mums, consisting of several types—some formal, but mostly informal 5-in. flowers. Some flowers are incurved, some spider types. A high quality mixture. Pkt. \$1.00.

DIANTHUS, "Bravo"

All-America Silver Medal Winner

A new color in Dianthus, a dazzling scarlet-red. Plants 12 in. tall and extra early flowering. Excellent for pots and any garden use. Pkt. 50c.

MORNING-GLORY, "Wedding Bells"

(New)

An entirely new color in Morning-Glories. A sparkling bright rose-lavender, more beautiful and pleasing than the popular Heavenly Blue. Extra early flowering. Vines healthy and vigorous. Blooms from Summer until frost. Pkt. 35c.

F₁ HYBRID PETUNIAS

Ballerina. A giant fringed salmon-pink. Pkt. 50c.

Blue Lustre. *(New.)* Deep velvety blue. Pkt. 50c.

Comanche. Very deep red. Fast grower and free bloomer. Pkt. 50c.

Zinnia, Firecracker

F₁ HYBRID PETUNIAS, Continued

Coral Satin. *Bronze Medal Winner for 1961.* Plants dwarf, mounded; a prolific bloomer. A lovely coral-rose color. Pkt. 50c.

Crusader. Gaily striped, extra bright rose-pink on white. Pkt. 50c.

Fire Dance. *All-America Winner.* Fringed flowers of deep scarlet-red. Pkt. 50c.

Maytime. *All-America Bronze Medal Winner.* A beautiful soft, clear light salmon-pink. Blooms 3½ to 4 in. across. Plants very uniform. Pkt. 50c.

Paleface. An extremely free-flowering white Petunia. Pkt. 50c.

Peach Satin. *(New.)* A warm salmon-pink. Pkt. 50c.

Pink Satin. *(New.)* Brilliant rose-pink. Pkt. 50c.

Prima Donna. Beautiful ruffled rose-pink. Pkt. 50c.

Red Satin. A rich brilliant red. Pkt. 50c.

Scarlet Lustre. Scarlet-red in color, with ruffled edges. Pkt. 50c.

White Satin. *(New.)* Plants well rounded and compact, with 2-in. flowers of pure white. Pkt. 50c.

PETUNIA, "Sugar Plum"

Orchid-pink, penciled and shaded orchid-purple. Pkt. 50c.

ZINNIA, "Thumbelina" *(New)*

All-America Gold Medal Winner for 1963

The first Gold Medal Winner since 1950. An entirely new type of Zinnia. Ever so dwarf, about 6 in. high, and starts to bloom at 3 in. The compact, globe-shaped plants are used for edging, pots, window and porch boxes. A bright blend of colors. Pkt. 50c.

ZINNIA, "Firecracker" *(New)*

All-America Silver Medal Winner for 1963

This is the largest of the giant cactus-flowered Zinnias. The large, 6-in. flowers are a clear rich red with scarlet undertones. Plants are bushy and grow 30 in. tall. Pkt. 50c.

ZINNIA, "Dark Jewels" *(New)*

Deep and vivid colors make this Giant Cactus Flowered Mixture different from anything you have seen before. Strong orange, flame, scarlet, golden yellow and cherry blooms dominate this mixture. Pkt. 35c.

ZINNIA, "Cherry Time" *(New)*

Blooms are true cactus type, 5 in. in diameter, and carried on vigorous full-sized plants. Cherry Time includes closely related hues of cherry, rosy red and spirea red. Pkt. 35c., ¼oz. \$1.00.

ZINNIA, "Snow Time" *(New)*

A good white cactus-flowered Zinnia. A vigorous, full-sized plant. Nicely cactus flowered and nearer to pure white than any other variety. Flowers 5 in. across. Pkt. 35c., ¼oz. \$1.00.

ZINNIA, "Lilac Time" *(New)*

A giant cactus-flowered Zinnia. The blooms are a series of rosy lilac shades, with the young petals in the center of the bloom lighter than when fully expanded. Plants grow 2 to 3 ft. tall and bear many giant, 5-in. blooms. Pkt. 35c., ¼oz. \$1.00.

ZINNIA, "Miss Universe"

Miss Universe has a bushier and more compact plant, one third less in height than other giant Zinnias. Thrives under trying conditions. Deep, full flowers in a complete color range. Pkt. 25c.

ZINNIA, "Red Man"

All-America Winner

A brilliant red cactus-flowered Zinnia with long stems. Plants bushy and erect, about 15 in. tall. Pkt. 50c.

ZINNIA, "Old Mexico"

All-America Winner

Plants about a foot tall, with large double flowers of mahogany and gold. Heat-resistant variety. Pkt. 50c.



Pino's Flower Seeds

of Outstanding Merit

All stocks selected to secure the utmost in purity of type and highest germination. It is our desire to always be able to supply seeds equal to the best.

All Flower Seeds Sent Postpaid.

If You Reside in Rhode Island Please Add 3% Sales Tax to Your Remittance.



Ageratum, Midget Blue

ACHILLEA

The Pearl. Hardy Perennial. Double white, free flowering, good along borders and for cutting. Height 30 ins. \$0.15

ACONITUM

Napellus (Monkshood). Free flowering hardy plant, does well in shade. 3 ft. Dark blue. \$0.15

ACROCLINIUM

Graceful, everlasting for Winter bouquets. Flower heads should be gathered when young if to be preserved. **Sensation Giants Mixed.** Pkt. \$0.15

AGERATUM

Beautiful hardy annual of near bushy habit. Very desirable for outdoor bedding; covered with bloom nearly all Summer. Pkt.

Blue Mink. (New). Large powder-blue flowers on plants 12 in. tall. Very early blooming. Plants very uniform. 1/16oz. \$1.00 \$0.25

Midget Blue (New). Spreading plants about 4 in. high, azure-blue flowers. 1/16oz. 50c.25

Blue Ball. Deep dark blue; dwarf and compact. Special pkt. 50c.25

Blue Cap. The best dwarf Ageratum. Deeper blue than Blue Star. Special pkt. 50c.25

Fairy Pink. A dwarf, compact Ageratum with salmon rose flowers. Height 5 in.25

Blue Perfection. The darkest colored large flowering variety. Deep amethyst blue. Compact and fine bedder. 1 ft. 1/16oz. 50c. .20

AGROSTEMMA

Coronaria (Mullein Pink). Hardy perennial, dark blood red. 2 ft.; fine for cutting. \$0.15

ANTHEMIS

Kelwayi (Hardy Marguerite). Daisy-like hardy perennial, golden yellow blooming all Summer, good for cutting. . . . \$0.15

ALYSSUM

Dwarf growing, hardy annuals, blooming profusely throughout the season. Pkt.

Rosie O'Day. (New). A neat dwarf Gem type, forming 6 in. mounds of rose-pink blooms. . \$0.35

Royal Carpet. This new companion for Carpet of Snow will grow only a few inches high. A vibrant purple color. 1/8oz. \$1.00, .25

Violet Queen. Bright violet, very compact. 1/8oz. 35c., 1/2oz. \$1.0020

Little Gem. Dwarf white; 6 in. 1/4oz. 50c., oz. \$1.50.20

Carpet of Snow. Pure white, very dwarf and sweet; 4 in. 1/4oz. 50c., oz. \$1.50.20

Saxatile compactum (Gold-dust). Bright yellow. Spring-flowering hardy perennial; 9 in. 1/8oz. 35c.15

Saxatile, Silver Queen. Primrose yellow. 1/8oz. 40c.15

AMARANTHUS

Brilliant foliaged annuals with showy racemes of flowers; very ornamental. Pkt.

Caudatus (Love-lies-bleeding). Dark red. \$0.15

Tricolor splendens. Very beautiful foliage.15

ANEMONE (Windflower)

Valuable perennial, producing large flowers; fine for bouquets. Sow in Spring and shade till plants appear. 18 in. Pkt.

St. Brigid. Double mixed colors. \$0.15



Alyssum, Rosie O'Day

ANCHUSA

Blue Bird. Free-growing annual, 15 in. high, with Forget-me-not flowers of vivid indigo-blue. Special pkt. 35c. \$0.15

Dropmore Variety. One of the best blue perennials. Flowers borne on graceful stems and continuous blooming. Special pkt. 35c.15

ANTIRRHINUM

(Snapdragon)

GIANT "TETRA-SNAPS"

Long dense spikes of immense flowers and strong growth. Mixed colors. Pkt. 25c., 1/16oz. 75c.

"ROCKET SNAPDRAGONS"

F₁ Hybrids

A.A.S. Winners

The first F₁ Hybrid garden Snapdragons bred especially for heat resistance and Summer bloom. Plants grow 30 to 36 in. tall, of good vigor and uniformity. Available in Lavender, Orange, Red, Rose, White, Yellow and Mixed Colors. Pkt. 75c.

ANTIRRHINUM MAXIMUM (Rustproof)

The plants of the new Rust-resistant Snapdragons are base branching, very free flowering, each producing 8 to 18 graceful spikes. The flowers are larger and better spaced than the non-resistant strains, and the foliage is clean, healthy and free from rust.

Apple Blossom. Rose pink, white tube. **Velvet Giant.** Deep crimson.

Campfire. Luminous scarlet. **Copper King.** Copper red. **Loveliness.** Rose pink.

Alaska. Pure white. **Yellow Giant.** Pure yellow.

Each of the above, pkt. 25c., 1/16oz. 50c.

California Giant Mixture. Pkt. 20c., 1/8oz. 50c.

Mardi Gras. (New.) Extremely vigorous and uniform in plant habit. Florets are closely placed on long-blooming stems. Being an F₂ hybrid, it gains its greatest advantage over existing strains in the extremely wide color range and extra vigor. Pkt. 25c.



Antirrhinum

ASTERS—*Wilt-Resistant Strains*



Aster, Crego

Semple's Branching (*Wilt-resistant*)

A very strong growing type of Aster, stems long, bloom full-petaled, large and fine form. The petals are long, broad and of exceptional substance. Height 2½ ft.

	Pkt.	Special Pkt.
Azure Blue	\$0.20	\$0.50
Light Rose	.20	.50
Purple	.20	.50
Shell Pink	.20	.50
White (Extra Select) ...	.20	.50
Mixed	.20	.50

Improved Crego (*Wilt-Resistant*)

An improved strain of this fine old, popular type. Large, double flowers with curled and interlacing petals.

	Pkt.	Special Pkt.
Azure Blue	\$0.20	\$0.50
Blue Flame . Navy blue.	.20	.50
Deep Rose	.20	.50
Shell Pink	.20	.50
White	.20	.50
Mixed	.20	.50

ASTER, Powderpuffs

Plants upright, about 2 feet tall, of compact growth. Flowers round, Pompon type. Fine for cutting. Pkt.

Mixed Colors. ½oz. \$1.00.....\$0.25

Perennial Aster (*Michaelmas Daisy*)

Newest Varieties, Mixed. Pkt.....\$0.25

ARABIS

Pkt.

Alpina (*Rockcress*). Perennial. Early, Spring-flowering, pure white, fine for edging or rockeries. Special pkt. 50c...\$0.15

ARMERIA

Formosa (Thrift or Sea Pink). Hardy perennial, excellent for edging or rockeries. Pink and red tones.....\$0.15

ARCTOTIS

Grandis (African Daisy). Hardy annual. Pure white flowers with light blue center; 2½ ft. Special pkt. 40c...\$0.15

Giant Hybrids. Very large flowers in shades of Bronze, Apricot, Yellow and Rose......25

Princess (*Wilt-resistant*)

An ideal type for florists. 3-3½ in. flowers on long stems have crested center that remains full when flower is completely open, surrounded by multiple rows of guard petals. An exceedingly good shipper. Fine for home gardeners because of high wilt resistance. Plants 2-2½ ft. tall, branching habit, blooms in late August. Pkt. **Anne.** Peach blossom.....\$0.25 **Susan.** True deep blue......25 **Finest Mixed.** Including new colors, ½oz. 75c......25

Goldilocks (*New*)

Earlier, deeper yellow version of Golden Sheaf. The only truly yellow Aster. Pkt. 25c.

Burpeeana Extra Early

Stocky erect plants growing 20 inches tall, with many upright stems, flowers large, and double with incurved petals. **Mixed Colors.** Pkt. 25c.

Improved Giant California Sunshine

Plants grow about 3 feet high, bearing flowers 4 inches in diameter; single, contrasting Pompon center. Pkt. 15c.

Queen of the Market (*Wilt-resistant*)

An early flowering variety, stems long and an excellent variety for cutting.

Mixed. Pkt. 20c., special pkt. 50c.



Aquilegia



Arctotis grandis



Aster, Semple's

Heart of France (*Wilt-resistant*)

A large flowering, dark red sort, about 2 feet high, well branched, long stems, deep ruby red. Pkt. 25c.

Mission Giants

New, medium early branching type Aster. Immense, all double quilled flowers framed by many rows of broad guard petals. Full color range. Pkt. 25c., ½oz. \$1.00.

BALL TYPES (*Wilt-resistant*)

Fully double blooms on long, clean stems. This fine strain throws few laterals, so needs very little disbudding when grown for cutting. Bred and selected for cut flowers.

Azure Ball. A clear	Pkt.	½oz.
light blue.....	\$0.25	\$1.00
Pink Ball. Soft pink...	.25	1.00
White Ball. Pure white.	.25	1.00

AQUILEGIA (*Columbine*)

Free-blooming, hardy perennials; thrives best in a moist situation. Pkt.

McKana's Giant. *Bronze Medal Winner.* Beautiful, large-flowered, long-spurred Columbine. Flowers are very rich colored.....\$0.50

Long-spurred Mrs. Scott Elliott's Hybrids, **Choice Mixed.** Colors are unique and very striking; 2½ ft. ½oz. \$1.00......25

Long-spurred Snow Queen. Finest white, fragrant......25

Coerulea. (Rocky Mountain Columbine.) Violet blue sepals and white corolla......20

AUBRIETA (*Rainbow Rockcress*)

Hardy perennial rock plant with silvery green foliage and flowers of many shades. Pkt.

Large Flowering Hybrids Mixed. Special pkt. 50c.....\$0.15

Black-Eyed Susan (*Rudbeckia*)

My Joy. Flowers 5 ins. or more across, with orange-yellow petals and small dark center.....\$0.25



Balsam, camellia-flowered



Calliopsis



Calendula, Pacific Beauty



Candytuft, Iceberg

BALSAM

Very popular annuals, producing a brilliant array of colors. Sow in open ground in May and transplant two or three times, allowing not less than 18 inches between plants at the last transplanting. Pkt.

Improved Camellia-flowered.

Red, Rose or Mixed Colors.

¼ oz. 50c. \$0.15

BUSH BALSAM

Flowers are carried at tip of stems rather than on the side of stems. Very showy. Pkt.

Mixed Colors. ¼ oz. 40c. \$0.20

BALLOON VINE

A very rapid growing climber, producing curious-shaped capsules. Pkt. 15c., oz. 50c.

BEGONIA

Excellent for Summer and Autumn blooming; both flowers and foliage have a bright, waxy appearance. Pkt. **Semperflorens Mixed.** All colors from white to crimson. \$0.25

BELLS OF IRELAND

Plants grow 2 ft. tall and are covered with delicately veined green bells with a white corolla. Pkt. 25c

BELLIS (Double English Daisy)

Favorite perennials; sow seed June to September; transplant in Fall and protect during the Winter. Will flower early in Spring. Sown in Spring will flower in Fall. Pkt.

NEW GIANT DOUBLE. Enormous double flowers; 2 to 2½ in. in diameter.

Enorma. Crimson. \$0.20

Enorma. Rose.20

Enorma. White.20

Double Giant Mixed. Special pkt. 50c.15

BRACHYCOME

(Swan-river Daisy)

Hardy annual, with small blue flowers; blooms profusely most of the Summer. 9 in. Pkt. 15c., special pkt. 35c.

BROWALLIA

Elata. Annual. Excellent for cutting. Color pale blue. Special pkt. 35c. \$0.15

Speciosa Major. Violet-blue flowers 1½ in. across, carried on plants 10 in. tall. Best variety for pots.25

CACALIA (Tassel flower)

Blossoms resemble brushes that have been dipped in paint. Colors are red and yellow. Pkt. 15c.

CACTUS

Mixture Containing Many Pkt.
Rare Sorts \$0.35

CALLIOPSIS

Very free flowering annuals, producing a gorgeous display in various shades of yellow and brown. Excellent for cutting. Pkt.

Dwarf Annual Mixed. Single, dwarf and compact. Shades of red and yellow. ¼ oz. 35c. \$0.15

Lanceolata. Bright yellow perennial. Special pkt. 25c.15

Double Sunburst. Perennial.15

CALENDULA (Pot-Marigold)

Very robust, free-flowering annuals; seed may be sown in March and transplanted to open ground when danger of frost is over, or seed may be sown in open ground in April or May. Pkt.

Orange Giant. Large, deep orange. Special pkt. 35c. \$0.15

Lemon Queen. Sunflower yellow. Special pkt. 35c.15

Chrysantha. Clear buttercup yellow, petals incurved. Special pkt. 35c.15

Campfire (Sensation). The best forcing variety. Dark orange with a scarlet sheen, very attractive. Special pkt. 50c.15

Art Shades. Good assortment of light shades. Special pkt. 35c.15

Mixed. All sorts. Special pkt. 25c., oz. 75c.15

New Pacific Beauty. A new strain with uniformly larger flowers of better formation, longer and straighter stems, and more resistant to Summer heat. The colors are clear and brilliant.

Pacific Beauty Mixture. A blend of four colors. ¼ oz. 50c.20

CALCEOLARIA

Hybrida, Choice Mixed. Recommended for greenhouse plants, with beautiful striped, blotched and variegated flowers. Pkt. 50c.

CAMPANULA

(Canterbury-bells)

Very attractive, hardy biennials and perennials, showy for borders. Pkt.

Medium, Single Mixed. Special pkt. 40c. \$0.15

Carpatica, Blue. Perennial. Special pkt. 35c.15

alba. Perennial. Special pkt. 35c.15

Calycanthemum, Mixed (Cup-and-Saucer). ¼ oz. 50c.20

Light Blue. ¼ oz. 50c.20

Dark Blue. ¼ oz. 50c.20

White. ¼ oz. 50c.20

Rose. ¼ oz. 50c.20

Persicifolia (Peach Bells). Blue and white mixed. Fine for cutting. Hardy perennial.25

CANDYTUFT

Fairy Mixed. Really new and different. Plants dome-like, dwarf and compact, about 8 in. tall. Excellent for borders. Pkt. 25c.

Iceberg (New). A new super Hya-cinth-flowered Candytuft. The pure white flowers are twice the size of any Candytuft previously offered. Plants grow 15 in. tall. Pkt. 25c., ¼ oz. 50c.

Umbellata Varieties. Desirable for rock gardens, borders or beds. Bloom in about 8 weeks from sowing. Pkt.

Mixed Colors. ¼ oz. 50c. \$0.15

Iberis, Perennial Candy-tuft, White. Special pkt. 50c.25

CANNA

Very showy foliage and brilliant flowering plants; desirable for large beds. Pkt.

Crozy's Large-flowering Dwarf Mixed. \$0.25

CANNA BULBS—See page 25.

CARDINAL CLIMBER

"Hearts and Honey Vine"

A very attractive and interesting flower. Three color changes in one day, from pinkish orange, to pinkish red, to bright rose-pink. Early flowering. Pkt. 25c.

CARDINAL FLOWER

Our most brilliant native wild flower, cardinal red spikes on plants 3 feet tall. Pkt. 25c.

CASTOR-BEAN, see Ricinus



Centaurea, Jubilee Gem



Carnation



Clarkia



Cosmos, Orange Flare

CARNATIONS

Pkt.

- English Giants.** Superior size blooms, comparable to greenhouse grown if secondary buds are removed. **Mixed Colors.** 1/8oz. 75c. \$0.35
- Giant Double Chabaud.** Blooms in five months from sowing. Double fringed, fragrant blooms in profusion. 1/8oz. 50c.25
- Orange Sherbet (New).** Petals are striped and flushed with scarlet, on orange apricot ground. Flowers large, double and very fragrant.25
- Hardy Border.** Double flowering dwarf and compact, early flowering, valuable for cutting. Will bloom first year if sown early.
- Grenadin Mixed.** Special pkt. 50c.25

CELOSIA (Cockscomb)

- Very showy annuals of two distinct classes—**Cristata**, the comb varieties; **Plumosa**, the feather sorts. Pkt.
- Toreador.** New, giant combs of lustrous bright red, plants uniform 20 in. tall. \$0.25
- Cristata nana.** Dwarf sorts in variety of colors. Mixed.15
- Cristata Dwarf Empress.** Dark foliage and crimson comb.15
- Cristata.** TALL ROYAL VEL-VET. Rich carmine-crimson. Foliage bronze-green. Height 2 ft.15
- Plumosa.** Golden plumes.15
- Plumosa.** Scarlet plumes.15
- Pampas Plume.** Giant-flowered strain in hitherto-unknown bronze, copper, gold and sunset shades. Distinctly new and different. 1/8oz. 50c.25
- Golden Fleece.** Large, dense plumes.25

CENTAUREA (Bachelor Button)

SPECIAL STRAIN

- Flowers are large, fully double, and the colors intensified. Long stems for cutting.
- Black Boy.** Deep maroon.
- Blue Boy.** True Cornflower blue.
- Pinkie.** Deep pink, lovely shade.
- Red Boy.** Deep glowing red.
- Snow Man.** Purest white.
- Separate Colors or Mixed:** Pkt. 20c., 1/8oz. 40c., 1/2oz. 65c., oz. \$1.25
- Jubilee Gem.** A dwarf and compact variety of Bachelor Button with deep blue flowers. Pkt. 1/8oz. 35c. \$0.20
- Montana.** Perennial; large lacy blue flowers.15

CERASTIUM

(Snow-in-Summer)

Pkt.

- Tomentosum.** Creeping plant with silver foliage and white flowers. Perennial. \$0.15

CHEIRANTHUS

Pkt.

- Allioni** (Siberian Wallflower). Dwarf hardy biennial treated as annual, flowering freely through the Summer. For early flowering sow in late Summer. Brilliant orange. 1 ft. Special pkt. 35c. \$0.15

CHRYSANTHEMUMS

- Very showy annuals; valuable for cutting. Pkt.
- Single Mixed.** Annual sorts. Daisylike flowers in attractive colors with contrasting tricolor zone. Special pkt. 50c. \$0.15
- Carinatum, Double Mixed.** Free flowering annual; valuable for cutting. Special pkt. 50c.15
- Japonicum Mixed.** A splendid variety of perennial Chrysanthemums, with a wide range of color and form. 1.00



Celosia

CINERARIA

- Ornamental plants for greenhouse or conservatory. Seed should be sown from July to September. Pkt.
- Siter's Rainbow Mixture.** Compact habit with large flowers, very desirable colors. \$0.50

COLEUS

MASTER BLEND

Pkt.

- Rainbow Mixture.** Extra select, rich reds, yellow coppers and pinks. We recommend this mixture even to the most critical trade. 1/8oz. \$2.50. \$0.50

CLARKIA

Pkt.

- Mixed.** Free flowering annuals of easy culture, doing well in sun or shade; valuable for cutting. Special pkt. 35c. \$0.15

CLEOME

- Gigantea** (Giant Spiderflower). Very attractive among shrubby. Height 3 ft.
- Pink Queen.** 1/8oz. 50c. \$0.20
- Helen Campbell (New).** Pure white form of the above. 1/8oz. 50c.20

COBAEA

- Rapid-growing climbing vines with handsome, dark green foliage and bell-shaped flowers; 20 feet. Pkt.
- Scandens.** Blue. 1/8oz. 40c. \$0.20

COSMOS

- A hardy and rapid growing annual with feathery green foliage. Flowers have long, graceful stems and attractive for cutting. Thrives best in light soil and not too rich. Sow in April or May in the open ground where they are to grow and thin out but do not transplant. Pinch out tops when 2 to 3 ft. high to force plant to branch. Should bloom profusely from Aug. until frost.
- Mandarin.** (New). A double, Pkt. brilliant orange Cosmos. The dense foliage makes it superior to any other variety. \$0.25
- Early Klondyke Orange Flare.** Bright orange flowers borne freely on long stems. 1/8oz. 50c.15
- Yellow Flare.** Similar to Orange Flare except that it is a rich golden yellow. 1/8oz. 50c.15
- Sensation.** A new large flowering type, flowers often 4 in. across.
- Pinkie.** Clear rose pink.
- Dazzler.** Dazzling crimson.
- Purity.** Pure white.
- Each of above:* Pkt. 15c., 1/8oz. 50c.
- Mixed.** 1/8oz. 40c., oz. \$1.25.15
- Radiance (New).** Deep rose with rich crimson zone. Very large flowers. 1/8oz. 50c.15
- New Double Crested.** Extra early flowering. Entirely new class, producing a very double flower crested by an outer row of petals, making a very attractive appearance. A good percentage come true from seed.
- Finest Mixed.** Special pkt. 75c.25

CYCLAMEN

Pkt.

Persicum giganteum. Excellent for pot plants; foliage is very beautiful.

Mixed Colors\$0.50

CYNOGLOSSUM

Blanche Burpee. Outstanding mixture, colors never before found in Chinese Forget-me-nots, whites and many shades of blue. $\frac{1}{8}$ oz. 75c..... .25

Firmament. Bushy plants, 18 in. tall, covered with rich blue flowers throughout the Spring and Summer. .15

CYPRESS VINE

Climbing annual of great beauty; foliage is extremely attractive. Pkt.

Finest Mixed. Special pkt. 35c.....\$0.15

DAISY, SHASTA

Alaska. Hardy perennial, blooming abundantly the first year from seed. Flowers large pure white with yellow center. Special pkt. 50c.....\$0.20

Double Dieners strain. Reselected... .25

DAHLIA

Half-hardy perennials of value for cutting. Blooms first season from seed sown in March or April. Pkt.

Unwin's Dwarf Hybrids. The best of the dwarf Dahlias. Plants compact and well-rounded. Semi-double flowers in many colors. Special pkt. 50c...\$0.25

Mignon Firebrand. New dwarf single bedding sort of merit. Plants compact, about 18 in. high, blooming in continuous succession from July to frost. Brilliant scarlet15

Double Giants. Extra large flowers. Mixed colors from named varieties.... .35

DELPHINIUM (Larkspur)

One of the most desirable hardy perennials. Flowers produced on long spikes in shadings of white and blue. Pkt.

Belladonna Improved. An exquisite shade of turquoise-blue.....\$0.25

Bellamosum Improved. Deep indigo-blue form of Belladonna..... .25

Pacific Giants Strain. Produced from the choicest named varieties secured from the world's noted specialists, embracing all shades known to Delphiniums. Strong, vigorous habit and large spikes.

Astolat Series. Colors range from pale blush, lilac pink to deep raspberry rose, florets beautifully spaced on tall tapering spikes50

Galahad Series. Giant white..... .35

Summer Skies. Clear light blue with white bee..... .35

King Arthur Series. Royal purple.... .35

Pacific Giants Mixed. $\frac{1}{8}$ oz. \$1.25.... .25

Hollyhock Strain (Wrexham Type). Graceful, spire-shaped spikes of enormous size and beauty of form. **Mixture**, special pkt. 75c..... .35

Gold Medal Hybrids Mixed. Special pkt. 50c..... .25

Chinensis, Dwarf Blue Butterfly. Rich ultramarine blue..... .25



Delphinium, Gold Medal



Dimorphotheca aurantiaca

THE BOOK OF ANNUALS

By A. C. Hottes

Over 100 separate species described, with full directions for their culture and uses. 184 pages, 156 illustrations. Cloth, \$4.00 postpaid.



Dahlia



Shasta Daisy

DAISY

Pkt.

Tahoka. Lavender blue Daisy with deep yellow center, carried on long stems. $\frac{1}{8}$ oz. 50c.....\$0.25

DIANTHUS

Excellent plants for beds and borders. Flowers cover a wide range of colors and are very fragrant. Pkt.

Heddensis, Westwood Beauty. A new Dianthus. Flowers single, $1\frac{1}{2}$ – $2\frac{1}{4}$ in. deeply laciniated. The color is somewhat variable in red shades of crimson and scarlet, some having attractive white edgings. Average height 16 in.....\$0.20

Chinensis, Fine Mixed (China Pink). Double-flowering popular sort. Special pkt. 50c..... .15

Heddewigi fl. pl. Double flowering Pinks, mixed colors15

Plumarius semperflorens (Ever-blooming Hardy Garden Pink). Sweet scented, double, semi-double and single flowers. Very beautiful. Special pkt. 50c..... .25

Sweet Wivelsfield. A new hardy annual for borders or cut flower..... .20

DATURA

(White Angel Trumpet)

Giant snowy white trumpets up to 12 ins. in length. Very fragrant. Pkt. 25c.

DIDISCUS

Coerulea (Blue Laceflower). Easily grown garden annual, popular for cut flowers. Plants 2 ft. high, umbel-shaped bloom, heavenly blue. Special pkt. 50c.....\$0.20

DIGITALIS

(Foxglove)

Desirable plants for backgrounds, borders and among shrubbery. Handsome, spotted flowers. Pkt.

Excelsior Hybrids. A new strain with florets carried all around the stem. Colors include white through cream to pink and purple.....\$0.25

Monstrosa. Mammoth spikes of flowers, true rosette topped. Mixed colors..... .15

Giant Shirley. Plant vigorous, 5 to 7 ft. high. A magnificent strain. Special pkt. 75c..... .25

DIMORPHOTHECA

(African Daisy)

Aurantiaca hybrida. New hybrids of African Daisy. Annual free blooming in many colors, white to red and blush, sulphur, lemon, orange, etc. Special pkt. 35c.....\$0.20

Aurantiaca. Orange only. Special pkt. 35c..... .20

DORONICUM

Caucasicum. Yellow daisy-like flowers. Flowers in May. Perennial.....\$0.25

ECHINOPS

Ritro (Globethistle). Thistlelike foliage. Steel blue flowers in round heads, good backing for hardy border. Perennial. Special pkt. 40c.....\$0.25

ESCHSCHOLTZIA

(California-poppy)

There have been many new shades produced in the last few years which add very much to the beauty of these profuse blooming hardy annuals. Poppylike blooms June until frost. Pkt.

Brilliant Mixed. Flowers beautifully frilled and fluted in many bright colors. Plants dwarf and compact. 1/4 oz. 35c.\$0.15

Aurantiaca. Rich orange, true California Poppy. 1/4 oz. 35c.15

Semi-double Sunlight (Hunnemania). Bright canary yellow flowers on long stems.15

EUPHORBIA

(Snow on the Mountain)

Very pretty, quick growing annuals. Very attractive arranged with annual flowers or in vases alone. Keep a long time cut. Pkt.

Variegata. White and green foliage. 1/4 oz. 35c.\$0.15

Heterophylla. "Summer Poinsettia." For a gay brilliant display try this one. From Midsummer on, the top of each branch turns a brilliant scarlet. Height 2 ft. 1/8 oz. 35c.15

GAILLARDIA

Showy bedding and border plants blooming the first season from seed and among the gayest blooms in the garden in Summer and Autumn. Combinations of yellow and red predominate; flowers 2 inches or more in diameter on long stems. Desirable for cutting. Pkt.

Single Mixed. Annual, containing many shades of red and yellow. Special pkt. 35c.\$0.15

Indian Chief. Dark brown center with glittering bronzy red petals. Annual.15

Lorenziana. New double hybrids. A mixture of brighter colors. Flowers larger and fully double. 1/8 oz. 50c.15

PERENNIAL SORTS

Burgundy. Rich coppery scarlet.15

Portola Hybrids. Lovely shades of orange, yellow and red.15

The Dazzler. Intense maroon red and golden yellow. Special pkt. 40c.15

Tangerine. Beautiful orange color25

GERANIUM

A mixture of single types in shades of white, pink, salmon and red. Easily grown from seed. Popular plants for beds and borders, urns and window boxes, also an excellent house plant.\$0.35

GLORIOSA DAISIES

Spectacular giant blooms of bright yellow, rich mahogany and glorious bicolors, in many patterns. Flowers up to 7 in. across on plants 3 ft. tall. Easy to grow.\$0.25

GILIA

Capitata. Rich sky blue, large blooms. A good blue cut flower. Height 3 ft. 1/8 oz. 35c.\$0.15

GODETIA

Dwarf, Double Azalea-flowered. Containing many shades of red and pink.\$0.15



Gaillardia picta. Single



Gypsophila

1001 GARDEN QUESTIONS ANSWERED

By
Alfred Carl Hottes

This book will answer all your common garden problems, 382 pages. \$3.50.



Helichrysum



Helianthus,
Sun Gold

GLOXINIA

Erecta, Mixed. Splendid pot plants ... Pkt. \$0.50

GLOBE-AMARANTH

Globosa. Red-purple. 18 in. high.\$0.20

Mixed. Showy, everlasting, with clover-like heads.20

Globosa Dwarf Purple. An excellent strain for pot plants and edging. Uniform, ball-shaped plants, 6 in. tall. Long-blooming.25

GOURDS, ORNAMENTAL

A mixture of all small fancy sorts. Pkt. 20c., oz. 75c. Large types mixed\$0.20

GYPSOPHILA

(Babysbreath)

Paniculata. Perennial; fine, feathery white flowers. Much used in mixed bouquets and dried for use with dried everlastings. 1/4 oz. 35c.\$0.15

Paniculata, Double Snow White. Valuable, hardy perennial of recent introduction. 3 to 3 1/2 ft. high. Very attractive when cut, lasting a long time.25

Pacifica. Perennial; pink Babysbreath. Special pkt. 35c.25

Elegans grandiflora alba. Large flowering, pure white. Sowings should be made at intervals of two weeks to insure continuous bloom. Hardy annual. Oz. 50c., 1/4 lb. \$1.5015

Elegans grandiflora rosea (Pink Babysbreath)15

HELIANTHUS (Sunflower)

Hardy annuals; flowers attractive. Pkt.

Annuus purpurea (Red Sunflower). Tipped yellow, others washed with red.\$0.15

Mammoth Russian. Immense single yellow flowers; height 6 to 8 ft.15

Sun Gold (New). Large double flowers in a brilliant golden yellow color. Grows 4 ft. in height.20

HELICHRYSUM (Strawflower)

One of the best everlastings, making fine display in the border or dried for Winter bouquets. For Winter use cut when only partly open, take off all foliage, tie in bunches and hang head down in dark place to dry. Sow seed early in Spring and transplant or thin to 12 inches apart. Pkt.

Mixed Colors. 1/4 oz. 50c., oz. \$1.75\$0.20

HELIOTROPE

Pacific (New). A much glorified modern version of an old-time favorite. Unexcelled in size, with individual flower clusters a foot in diameter. Colors include a complete range of blue shades. Very fragrant. 1/8 oz. 50c.\$0.25

HEUCHERA

Sanguinea (Coralbells). Perennial flowers, bright coral red, leaves light green, excellent for cutting. 30 in.\$0.25

IMPATIENS (Sultans Balsam)

Sultana Hybrids. Extra free flowering mixture. A handsome pot plant for the East window or shady porch\$0.35



Kochia

Morning Glory,
Heavenly Blue

HOLLYHOCK

Very ornamental perennials, attractive in mixed borders, making an attractive background. Flowers about 3 inches across set as rosettes around strong growing stalks. Seed sown in May or June make fine blooming plants the following season. Pkt.

Imperator. Large fringed flowers with rosette in center, delicate pink to cerise salmon. . . . \$0.25

Chaters Double Prize Strain.

Scarlet.25

Newport Pink.25

Sulphur Yellow.25

Chaters Double Mixed. Special pkt. 50c.25

Single Mixed. All colors. Special pkt. 35c.15

Triumph Double Mixed. Flowers waved and fringed.25

HONESTY (*Money Plant*)

Biennial treated as annual. Admired for its silvery seed pouches. Pkt. 15c.

ANNUAL LARKSPUR

This well known garden annual has been wonderfully improved in the last few years by selection for size of bloom and color as well as general habit of plant. Seeds sown early in house or hotbed produce strong plants ready for open ground in May or seeds sown in open ground in April will bloom profusely from July to frost. 3 feet. Pkt.

Regal Strain (*New*). The following are of the Improved, upright Delphiniumlike habit and superior to the older type of annual Larkspurs.

Regal Blue. Deep Oxford blue. Special pkt. 35c. . . . \$0.20

Regal Pink. Soft pink shaded salmon. Special pkt. 35c. . . .20

Regal Rose. Rose pink. Special pkt. 35c.20

Regal Lilac. Clear lilac. Special pkt. 35c.20

Regal White. Dazzling pure white. Special pkt. 35c. . . .20

Regal Mixed. Including all the above varieties. 1/4 oz. 50c., oz. \$1.5020

LIATRIS (*Gayfeather*)

Spicata. Spikes 3 ft. in height, of a good clear purple. Pkt. \$0.15

LATHYRUS

Latifolius (Perennial Pea). Pink, Red, White and Mixed. Climbers. 1/4 oz. 50c. \$0.25

HIBISCUS

Giant Flowering. Improved form of native Mallow with flowers often 8 to 10 in. in diameter. Height 5 to 8 ft., blooming freely from July until frost. Colors: red, pink, white. Pkt.

Mixed. All colors. Special pkt. 50c. . . \$0.15

HUMULUS

Quick growing annual climbers for covering arbors, etc., the first season from seed. Pkt.

Hop Vine. Variegated green and white foliage. 1/4 oz. 40c. \$0.15



Larkspur, Regal

KOCHIA

Pkt.

Childsi (*Summer-Cypress*), Burningbush. An easily grown annual, 3 ft. high. Makes an excellent hedge or fine specimen. Compact, pyramidal growth, light green turning to blood red early in Autumn. 1/4 oz. 40c. \$0.15

KUDZU-VINE

Pkt.

Perennial vine, rosy purple, pea-shaped flowers. \$0.15

LANTANA

Pkt.

Hybrida, Mixed. Rapid growing, small, bushy shrubs. . . . \$0.25

LINARIA

Pkt.

Northern Lights. Easily grown annual adapted to borders or rockery, bearing small spikes like miniature Snapdragons, yellow, crimson, pink, purple, etc. Special pkt. 35c. . . . \$0.15

LINUM (*Flax*)

Annals of graceful habit. Pkt.
Grandiflora rubrum. Dark red. \$0.15
Perenne (Perennial Flax). Blue. .15

LOBELIA

Graceful plants for vases, edgings, etc. Pkt.

Sapphire. A very strong growing variety, dark blue with white eye; suitable for piazza boxes and hanging pots. . . . \$0.15

Crystal Palace Compacta. Dwarf erect sort, dark blue. . . .20

Rosamond. Deep carmine-red with white eye.25

LYCHNIS

Pkt.

Chalcedonica (*London Pride*). Bright scarlet, 2 to 3 ft. high. Hardy perennials. . . . \$0.15

Mignonette
(See page 9)

LUPINUS (*Lupine*)

Annual sorts. Easily grown, free flowering annuals with graceful spikes of various-colored pea-shaped flowers suitable for beds, borders and cuttings. Do best in partial shade.

HARTWEGI GIANTS

Pkt.

Giant Mixed. All colors. 1/4 oz. 35c. \$0.15

Russell Hybrids. A most remarkable new strain of hardy Lupins. The plants grow into well-rounded, well-branched bushes, each developing a number of extra large spikes closely set with flowers. 1/2 oz. \$1.00. . .25

MATRICARIA

Fine bedding plants producing attractive, double white flowers in abundance the entire season. 18 inches.
Ball's Double White. 1/8 oz. Pkt. 50c. \$0.25
Ball's Double Yellow. 1/8 oz. 50c.25

MORNING-GLORIES

FLYING SAUCERS

(*New*)

A most beautiful flowering vine and certainly the most interesting. Flying Saucers has big 4 in. flowers, the same bright blue as Heavenly Blue, in striped patterns with powdery white. Multitudes of these color patterns create an illusion of constant whirling motion. Deep gold throat illuminates the flower. Pkt. 35c.

Candy Pink. New. Pure bright Pkt. and sparkling pink. 1/4 oz. \$1.00. \$0.25

Climbing Scarlett O'Hara (*New*). Deep wine red. Identical in every way with Scarlett O'Hara but this variety climbs vigorously without outside help. 1/4 oz. 50c.25

Darling (*New*). Striking wine-red with snowy white throat. 1/4 oz. 50c.20

Heavenly Blue. An early flowering strain that is very popular. Fine for trellises and screening. 1/4 oz. 40c., 1/2 oz. 75c., oz. \$1.25. .25

Pearly Gates. Beautiful new white. Similar in size and vigor to Heavenly Blue. 1/4 oz. 50c., oz. \$1.5020

Grandiflora (*Moonflower*). Rapid climbers with large, white flowers. Oz. 50c.15

Bona Nox (*Moonflower*). Throat purple, shading to lavender. Oz. 50c.15

Giant Morning-glory. Very attractive and rapid climbers. Mixed colors. Oz. 75c. .20



Nasturtium
Double Gleam



Marvel of Peru



Marigold
Tall African



Marigold
Guinea Gold

MARIGOLD

Old-fashioned hardy annuals of easy cultivation.

AFRICAN DOUBLE Pkt.

African All Double. These new Marigolds will produce 100 per cent double flowers. Orange or lemon. $\frac{1}{8}$ oz. 50c.\$0.25

African Tall Mixed. Large flowering, orange and lemon shades. $\frac{1}{8}$ oz. 40c.15

Fluffy Ruffles. Extra large double flowers of medium orange color, fringed and ruffled. 20 in. tall.25

CARNATION FLOWERED

Guinea Gold. A distinct type of graceful, pyramidal growth, 2 to 2½ ft. high, flowers 2 to 2½ in. in diameter; brilliant orange and double ruffled loose petals. $\frac{1}{8}$ oz. 40c.15

Yellow Supreme. Fluffy blooms with broad frilled petals of a rich, creamy lemon yellow. $\frac{1}{8}$ oz. 40c.15

Burpee Gold. Orange, odorless foliage.15

CHRYSANTHEMUM-FLOWERED GLITTERS

A large, double Chrysanthemum-flowered beauty. Flowers clear yellow with fringed outer petals. Plants grow 2½ to 4 feet tall with rich, dark green foliage. Very early flowering. Pkt. 25c.

CRACKERJACK

Huge flowers, often 5 ins. across. Colors include shades of primrose yellow and orange. Pkt. 25c.

SPUN GOLD (New)

An early mum-flowered type growing 12 ins. tall with large double flowers. Color a bright golden yellow. Pkt. 25c.

FRENCH DOUBLE-FLOWERING DWARF Pkt.

Petite. (New). A new type of extra-dwarf French Marigolds, only 6 in. tall. Plants are mound shaped, making the neatest edging. Available in orange, yellow, gold, and mahogany and gold bicolor.\$0.25

Color Magic. A very attractive mixture of natural color variation comprised of gold through mahogany. $\frac{1}{4}$ oz. 50c.20

Cupid. The only extra dwarf African Marigold. Flowers 2½ to 3 in. across of lemon yellow on compact 8 in. plants.25

Butterball. Extra dwarf, 6 in. Soft butter yellow.15

FRENCH DWARF DOUBLE Pkt.

Harmony. Wonderful scabious-like flowers of deep orange with maroon collar of broad petals. \$0.15

Mixed. Golden and maroon sorts. $\frac{1}{4}$ oz. 50c., oz. \$1.75.15

Rusty Red. Large, rusty red. Fully double flowers, freely borne on dwarf bushy plants. $\frac{1}{8}$ oz. 50c.25

Tangerine. Bright Tangerine orange color. Flowers double, 2 in. across on bushy plants. $\frac{1}{8}$ oz. 50c.25

Scarlet Glow. The brightest red of all. Flowers 2 in. across. Plants 12 in. tall.15

Yellow Pigmy. Flowers pale yellow growing on plants 8 in. tall. Fine for borders.15

Spry. A very dwarf French Marigold. Flowers 1½ in. across of a bright yellow, surrounded by mahogany-red guard petals. $\frac{1}{4}$ oz. 50c., oz. \$1.75.15

Melody. A brilliant orange of this popular type. Plants erect 12 in. tall. Special pkt. 35c.15

Royal Scot, Dwarf French. Large well-formed flowers of mahogany and gold.15

FRENCH SINGLE-FLOWERING DWARF Pkt.

Sunny. Outstanding, flowers 2 ins. across and bright yellow. \$0.15

Red Head. Mahogany to bronze flowers crested gold.15

Dainty Marietta. Flowers yellow with mahogany base.15

Flash. Flowers range from vivid red to bronze with a few yellows.15

Border of Gold (Tagetes signata pumila). Single bright orange flowers completely covering the plant, fernlike foliage. Height 6 in. Fine for edging. Special pkt. 40c.15

MIGNONETTE

Well known, hardy annual producing very fragrant, cone-shaped flowers. Pkt.

Machet. The best Mignonette for all purposes, indoor or outside. Special pkt. 35c.\$0.15

Common. Very sweet-scented. Oz. 50c.15

MYOSOTIS (Forget-me-not)

Pkt.

Royal Blue. Very early flowering. Rich blue flowers on long stems. $\frac{1}{16}$ oz. 50c.\$0.25

MARVEL OF PERU

(Four-o'clock)

Favorite, old fashioned flowers, bushy habit, bearing hundreds of pink, white, yellow, crimson and violet flowers. Pkt.

Mixed. Oz. 50c.\$0.15

MIMOSA

Pkt.

Pudica (Sensitiveplant).\$0.25

NASTURTIIUMS, DWARF

A grand old favorite, excellent for beds and borders. Do best in dry, sandy soil not too rich. Pkt.

Mixed. Extra quality of named varieties. Oz. 50c., $\frac{1}{4}$ lb. \$1.50.\$0.20

NASTURTIIUMS, TALL, or CLIMBING

For covering trellis, fences, rockeries, etc., or trailing from vases, they are unexcelled; of easy culture and rapid growth; 12 to 15 feet high. Pkt.

Mixed, Extra Quality of Named Varieties. Oz. 50c., $\frac{1}{4}$ lb. \$1.50.\$0.20

NASTURTIIUMS

DOUBLE SWEET SCENTED

Pkt.

Double Mahogany. Dark mahogany red.\$0.20

Golden Gleam.20

Scarlet Gleam. Dazzling scarlet.20

Cherry Rose. Soft cherry rose.25

Gleam Hybrids. gorgeously colored.20

Dwarf Gem Mixture. Very compact plants.20

Above varieties:

Oz. 50c., $\frac{1}{4}$ lb. \$1.75

NICOTIANA

Affinis (Sweet-scented Flowering Tobacco) Pkt.

White. Height 2 ft.\$0.15

Crimson Bedder. Height 15 in.15

Daylight Sensation. A brilliant color mixture, blooms remain open during daytime. $\frac{1}{8}$ oz. 50c.20

NIGELLA

(Love-in-a-Mist)

Pkt.

Miss Jekyll. Blue.\$0.15



Petunia, Comanche



Phlox drummondii

Pansy
Westland GiantsPetunia
Dwarf Giants of California

PETUNIAS

Excellent for massing in beds and for borders. A favorite for window boxes.

F₁ HYBRID PETUNIAS Pkt.

- Ballerina.** A giant fringed salmon pink. \$0.50
- Blue Lustre.** (New). Deep velvety blue. .50
- Comanche.** Very deep red, fast grower and free bloomer. .50
- Crusader.** Gaily striped, extra bright rose-pink on white. .50
- Fire Dance** (All-America Winner.) Fringed flowers of deep scarlet red. .50
- Maytime.** (All-America Bronze Medal Winner.) A beautiful soft, clear light salmon-pink. Blooms 3½ to 4 in. across. Plants very uniform. .50
- Paleface.** An extremely free flowering white Petunia. .50
- Peach Satin.** (New). A warm salmon-pink. .50
- Pink Satin.** (New). Brilliant rose-pink. .50
- Prima Donna.** Beautiful ruffled rose-pink. .50
- Red Satin.** A rich brilliant red. .50
- Scarlet Lustre.** Scarlet-red in color, with ruffled edges. .50

DWARF BEDDING

- Glitters.** Bronze Medal Winner. The first real red and white bi-colored Petunia. Grows only 8 in. high, with very compact plants. An excellent and very showy bedding and edging plant. \$0.50
- Lipstick.** A vigorous new Petunia. It is carmine rose overlaid with a touch of salmon. Plants compact, early and free flowering. .25
- Fire Chief.** Best described as a brilliant scarlet red, plants dwarf and compact, with a long blooming season. ½ oz. \$1.25 .25
- Celestial Rose.** Deep rose, very compact. Special pkt. 50c. .20
- Heavenly Blue.** Reselected strain. Plants compact bearing masses of silver-blue flowers. Special pkt. 50c. .20
- Rose of Heaven.** A clear deep shade of rose pink. Special pkt. 50c. .20
- Rosy Morn.** The popular rose pink variety with white throat. Special pkt. 50c. .20
- Snowball.** Pure white, plants free flowering and very compact. Special pkt. 50c. .20
- Violaacea.** Steel blue or deep violet. Highly recommended. Special pkt. 50c. .20
- Nana erecta Mixture.** Comprising all the dwarf compact varieties. Special pkt. 50c. .20
- Dwarf Gem Mixture.** Special pkt. 50c. .25

DOUBLE PETUNIAS

- Fringed Dwarf Victorious.** An exquisite mixture of Double Pkt. Petunias. Magnificent color range, immense blooms. \$1.00

GIANT SINGLE PETUNIAS

- Popcorn** (New). A really dwarf large flowered white Petunia. Pkt. Wonderful for pots or bedding. \$0.50
- Elk's Pride** (Dwarf). Deep royal purple. Plants dwarf and compact. .25
- Snowstorm Improved.** Very large flower of purest white. Plants dwarf and compact. .25
- California Ruffled Giants.** Extremely large flowers with ruffled edges; exquisite colorings and markings. .35

- Dwarf Giants of California** (Ramona Pkt. Strain). Very compact plants, large and beautiful flowers of many colors. \$0.50

HYBRID PETUNIAS

- Carnival.** A mixture of large plain, waved and ruffled blooms in all Petunia colors. .25
- Flaming Velvet.** Very large flowers of a brilliant velvety blood-red. Special pkt. 50c. .20
- Howard's Star, Improved.** Dark velvety purple with white star. .20
- De Luxe Bedding Mixture.** This mixture is outstanding as it is made up exclusively of the largest flowered varieties in the Hybrids group. Special pkt. 50c. .20

BALCONY PETUNIAS

- Deep Blue, Rose or White.** Special pkt. 50c. .20

PANSIES

Seed should be sown in July and August for early Spring blooming, or if sown in May will make excellent plants for late blooming.

- Color Carnival** (New). A magnificent Pkt. new color range, heavy in reds and scarlets. Flowers are exceedingly large, all blooms are blotched. Plant very compact. \$0.50
- Pino's Special Mixture.** In this mixture we offer all the choice fancy sorts and we believe nothing better can be procured. Special pkt. 50c. .25
- Oregon Giants.** An entirely distinct type of Pansy, with very large flowers on strong plants. .25
- Westland Giants.** Extra large flowering strain in beautiful color variation and of compact growth. ½ oz. 75c. .25

SWISS GIANTS

- A new strain. Very large flowering, containing many unusual colors. Pkt.
- Alpenglow.** Ruby red. \$0.35
- Coronation Gold.** Canary yellow. .35
- Ullswater.** Marine blue. .35
- Raspberry.** Rose (New). .35
- White.** Pure white. .35
- Swiss Giants Mixed.** Special pkt. 75c. .25

PHLOX DRUMMONDI

Attractive in clumps and massed beds and desirable for combining in mixed bouquets.

- Twinkle.** Bronze Medal Winner. An Pkt. excellent subject for bedding and edging. Flowers are like little stars, in many contrasting colors. Plants only 6 in. high, yet with flowers and heads as large as the old-fashioned annual Phlox. \$0.25
- Gigantea, Art Shades.** A new strain of Phlox drummondii, with flowers an inch and a quarter in diameter. It has a most wonderful range of color in soft art shades. ½ oz. 75c. .25
- Globe** (New). Plants very uniform and free flowering. Full color range. Very showy for beds or borders. ½ oz. \$1.00 .25
- Decussata.** Perennial mixed. .25

PORTULACA

Very brilliant, dwarf annuals, suitable for warm, dry situations. Should not be sown until hot weather. Pkt.

- Single, Mixed Colors.** ½ oz. 40c., oz. \$2.00 .20
- Double, Choice Mixed.** ½ oz. 75c., ¼ oz. \$1.25 .25
- Single Jewel.** Dazzling scarlet with flowers four times the size of ordinary single sorts. ½ oz. 50c. .20

PASSIFLORA (*Passion Flower*)

Edulis. Blue and white Pkt. \$0.25

PENSTEMON (*Beardtongue*)

Perennial plant producing large spikes of handsome, tubular flowers in almost every shade and color. Large flowering hybrids. **Mixed.** Special pkt. 50c. \$0.15

PHYSALIS

Francheti (Chinese Lanternplant). An attractive plant, forming red, lanternlike pods retaining their color for months; excellent Winter decorations. Special pkt. 50c. \$0.20

PLATYCODON (*Balloon-flower*)

Grandiflorum. Hardy perennial, bright, blue, bell-shaped flowers. 2 ft. \$0.15
Album. Pure white form of the above. .15

POLYANTHUS

HARDY PRIMROSE Pkt.

Colossal Strain. Extremely large flowering, wide range of colors. $\frac{1}{16}$ oz. 75c. \$0.25

POPPIES

Splendid plants for borders, etc., producing a profusion of bloom throughout the Summer. Flowers are remarkable for large size, delicacy of tissue, and brilliancy of dazzling colors. Keep blooms cut regularly for long blooming season. Pkt.

American Legion. Single, brilliant orange scarlet, yellow anthers. Special pkt. 50c. \$0.15

Shirley, Single Mixed. Very dainty colored, with rich satin appearance. Graceful in habit, with bright green, fernlike foliage. Flowers white, yellow and orange, borne on slender, wirelike stems, 12 in. high. $\frac{1}{4}$ oz. 35c. .15

Shirley, Double Begonia-flowered, Ryburgh Hybrids Mixed. Resembles the double Begonia, with many bright colors. Special pkt. 40c. .15

Iceland Sunbeam. A new race with longer stems and larger flowers, flowering May to Oct. Special pkt. 50c.20

Iceland Pink Champagne (New). Large, cup-like flowers, 4 in. in diameter, borne on strong stems. The silky textured, crinkled flowers are in shades of warm glowing pink, suffused with gold.25

Orientele. Enormous deep scarlet flowers. Perfectly hardy. Special pkt. 50c.20

Orientele Hybrids, Mixed. Hardy perennial. Finest shades. Special pkt. 50c.15

POLEMONIUM (*Jacob's Ladder*)

Beautiful light blue flowers with golden anthers. Pkt. 15c.

PYRETHRUM

(*Painted Daisy*) Pkt.

Hybridum grandiflorum. Flowers large, Aster-shaped, colors pink to deep red with bright yellow centers.

Roseum, Double Mixed. $\frac{1}{8}$ oz. \$1.00. . \$0.25

RICINUS (*Castor-bean*)

Highly ornamental plants; excellent for large groups. Pkt.

Zanzibarensis, Mixed. Very large growing sort, extremely attractive. (Seeds are poisonous.) Oz. 75c. \$0.25

ROCK GARDEN ANNUALS

Choice Blend. A care-Pkt. fully proportioned blend of many different kinds of the lowest growing annuals proved to be the most desirable for sowing in rock gardens. $\frac{1}{4}$ oz. 35c. \$0.15

ROCK GARDEN PERENNIALS

A blend of very low growing varieties of hardy perennials that grow well from seed. Pkt. 25c., $\frac{1}{8}$ oz. 50c.



Salvia Americana

SALPIGLOSSIS

One of the most attractive annuals. Blooms tube-shaped, much like the Petunia, but more beautiful in color display; $2\frac{1}{2}$ feet. Pkt.

Emperor, Finest Mixed. Special pkt. 50c. \$0.20

SALVIA (*Scarlet Sage*)

One of the most popular and useful bedding plants; nothing more attractive in the Fall than these bright scarlet flowers.

Blaze of Fire. The earliest, most ever-Pkt. blooming of all Salvias. A bright liquid red color. $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75, oz. \$6.00. \$0.25

America. Plants very dwarf and compact, free blooming. Vivid scarlet. $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75, oz. \$6.00.25

Bonfire. Early flowering scarlet; $1\frac{1}{2}$ ft. $\frac{1}{8}$ oz. 85c., $\frac{1}{4}$ oz. \$1.50, oz. \$5.00.25

St. John's Fire. Very select strain. Plants grow 10 ins. tall, uniform and early flowering. $\frac{1}{8}$ oz. \$1.25, $\frac{1}{4}$ oz. \$2.25, oz. \$8.00.25

Blue Bedder. Perennial. Compact and deep blue. $\frac{1}{16}$ oz. 50c.25



Poppy, Single Shirley

LARGE FLOWERING ANNUAL SCABIOSA

(*Mourning Bride—Pincushion Flower*)

Seed may be sown where they are to grow soon as ground can be worked in Spring or for earlier blooming sow early and transplant 12 to 18 inches apart. Height $2\frac{1}{2}$ feet, stems long and graceful and keeps well when cut.

King of Blacks. Reddish black.

Peach Blossom. Pink.

Fire King. Rosy crimson.

Shasta. Pure white.

Blue Cockade. Deep azure blue.

Mixed Colors. Pkt. Each, above $\frac{1}{8}$ oz. 40c. \$0.20

New Giant Hybrids. Hardy perennial. (Isaac House Strain). Improvement on Caucasica; longer and stouter stems and larger bloom. Outer edges ruffled, colors range from light lavender to dark blue. Special pkt. 50c.25



Salpiglossis



Ricinus Castor-bean



Scabiosa



Stocks, Seven-Week



Sweet William



Schizanthus



Tithonia



Thunbergia

SCHIZANTHUS (*Butterflyflower*)

One of our best hardy annuals, of easy culture in any good garden soil, bearing a profusion of butterflylike flowers of various colors: resembling some species of Orchids.

Pkt.

Dwarf Bouquet. Compact plants with many colored blooms. Special pkt. 50c.....\$0.20

STRAWBERRY

Pkt.

Baron Solemacher. A runnerless Strawberry, excellent for borders. Flowers in 8 weeks and produces quantities of fruit. $\frac{1}{16}$ oz. 75c.....\$0.25

SHAMROCK

True Irish......\$0.25

STOCKS

Often called Gilliflower, unexcelled for beauty and fragrance. Given good, rich soil they will produce full spikes of double blooms; valuable for cutting.

GIANT COLUMN

Non-branching type, producing huge spikes 2 ft. in height, with high percentage of double flowers. Considered the most desirable variety for greenhouse or conservatory.

Pure White
Rose

Yellow Wonder
Lavender

All Separate Colors

Pkt. 50c., $\frac{1}{8}$ oz. \$1.50

Finest Mixed. Pkt. 35c., $\frac{1}{8}$ oz. \$1.25.

SEVEN-WEEK STOCK (NEW) Pkt.

Trysomic type of branching Stock noted for its extreme earliness. Color range includes white, crimson, pink and blue shades.....\$0.25

TEN-WEEK STOCKS

Pkt.

Finest Mixed. An excellent mixture made from named varieties, specially selected for their brilliancy. Produces pyramidal spikes with a good percentage of double. Special pkt. 50c.....\$0.15

STATICE (*Thrift*)

Free flowering, valuable cut flower either fresh or dried. Pkt.

Sinuata. White.....\$0.15

Sinuata rosea superba......\$0.15

Sinuata, True Blue. Extra deep.....\$0.15

Bonduelli. Yellow.....\$0.15

Latifolia (Perennial). Plumes of deep blue flowers on plants 2 ft. tall.....\$0.15

STOKESIA (*Cornflower Aster*)

Pkt.

Hardy perennial, about 2 feet high, with handsome lavender blue, Cornflowerlike blooms from July till frost. Makes a fine specimen in the border; valuable as a cut bloom.....\$0.15

SWEET ROCKET

Hardy perennial. For planting among shrubbery or in permanent borders; fragrant. 2 to 3 feet high. Pkt.

Purple, White or Mixed. Special pkt. 35c.....\$0.15

TORENIA

An excellent plant for hanging pots or flower beds. Pkt.

Fournieri. Bright blue.....\$0.25

THUNBERGIA (*Black-eyed-susan*)

Pkt.

Rapid growing annual climbers adapted to hot, sunny situation in hanging baskets, vases, etc. Flowers buff, white, orange with black eye. Special pkt. 50c.....\$0.15

SWEET WILLIAM

Popular, old fashioned, hardy perennials for beds or borders. Easily grown from seed, forming fine clumps which produce brilliant colored flowers the second season.

Wee Willie. (*New*). A distinctly new strain of annual Sweet William, ultra dwarf and compact, usually 4 to 6 in. Flowers $\frac{3}{4}$ in. in many gay combinations. Pkt. 25c.

Pkt.

Holborn Glory. Large flowered variety in mixed colors, each with a white eye. $\frac{1}{8}$ oz. 50c.....\$0.25

Giant White. Enormous trusses which might be mistaken for Perennial Phlox. Special pkt. 35c.....\$0.15

Newport Pink. Special pkt. 35c.....\$0.15

Dark Crimson. Special pkt. 35c.....\$0.15

Scarlet Beauty. Special pkt. 35c.....\$0.15

Single, Mixed. Special pkt. 35c.....\$0.15

Double, Mixed. Special pkt. 35c.....\$0.20

Indian Carpet. Very dwarf plants, 4 to 6 in. tall. Wonderful color range. $\frac{1}{8}$ oz. \$1.00.....\$0.25

TITHONIA

Torch. A very early flowering variety, with brilliant orange scarlet flowers. Plants grow 4 ft. in height.....\$0.25

TRITOMA (*Red Hot Poker*)

Early flowering hybrids. Sown early will bloom first season from seed.....\$0.20

TROPAEOLUM

Pkt.

Canariensis (Canary-bird Flower). A rapid growing, half hardy climber. Foliage profuse green and the curious ly-formed yellow flowers producing a charming contrast. Desirable for shady locations. $\frac{1}{4}$ oz. 35c.....\$0.15

VERBENA GRANDIFLORA
BUSH TYPE

A magnificent new strain of robust, compact habit and free blooming. For early blooming, sow indoors and transplant to open ground in May. Seed sown in open ground in April or May will bloom from August until hard freezing weather. This new Verbena is becoming very popular. The dense flower heads are closely massed across the flat-topped plants, which grow 8 to 10 inches high. Pkt.

Mixed Colors. $\frac{1}{8}$ oz. 75c.....\$0.20

Snow White. Pure white.

Salmon Queen. Salmon pink.

Roselight. Bright rose, white eye.

Firelight. Vivid solid red.

Starlight. Violet blue, white eye.

Pkt. 25c., $\frac{1}{8}$ oz. \$1.00



Verbena

Sweet Peas

EARLY MULTIFLORA

The Most Beautiful of All

Sweet Pea lovers can now grow this beautiful flower successfully under conditions of heat and drought. Vines are exceptionally vigorous. Flowers large and fragrant on unusually long stems, with 5 to 8 giant blooms per stem.

This type has been proclaimed by Sweet Pea experts and flower enthusiasts as the greatest advancement made in Sweet Peas.

Enchantment	Salmon pink
Kris Kringle	Bright scarlet
Elk's Purple	Deep purple
Lavender	Clear lavender
Jack Frost	Pure white
Dancer	Rose pink
Blue Wonder	Clear medium blue

Above varieties: Pkt. 25c., 1/2oz. 40c., oz. 75c.,
1/4lb. \$2.50

CUTHBERTSON MIXED

A brilliant well-balanced blend. Pkt. 20c., 1/2oz. 35c.,
oz. 60c., 1/4lb. \$1.75, lb. \$5.50

"LITTLE SWEETHEARTS"

"Little Sweethearts" are an entirely new class of Sweet Peas. Each plant makes a perfect mound of flowers just under 8 inches in height and width. Flowers are of the large ruffled Spencer type and a full color range is available. Pkt. 35c.

MULTIFLORA SWEET PEAS

This new class of Sweet Peas was created for the florist grower. It is now popular with the home gardeners. Extra long stems with 6 or 8 florets each.

Mixed Colors.....Pkt. 25c., 1/2 oz. 40c., oz. 75c.

TROLLIUS

Orange Globe. Giant double Buttercup. Perennial.... Pkt. \$0.25

VERONICA (Speedwell)

A hardy border plant, growing about 15 inches high, producing long spikes of flowers in June and July. Pkt.

Spicata, Dwarf Mixed. Special pkt. 35c.....\$0.15

VINCA

Fine for pots or borders.

Rosea. Rose pink..... Pkt. \$0.15

VIOLA

Odorata (Sweet Violet). Fragrant bedding plant..... Pkt. \$0.25

VIOLA (Tufted Pansy)

Arkwright's Ruby. Very large ruby- Pkt. colored flowers throughout the Summer. \$0.25

Firmament. Pure sky blue..... .25

Chantreyland. Pure apricot..... .25

Georgia Peach (New). Bright shades of delicately peach colored, large blooms, slightly ruffled..... .25

Blue Perfection. Clear blue..... .25

White Perfection..... .25

Lutea Splendens. Sulphur yellow..... .25

Mixture. Containing above colors..... .25

HOTKAPS



Start your Garden Earlier
this year—with HOTKAPS

Protect your young plants with Hotkaps. They keep out weather and insects. Promote sturdier growth, and bring vegetables and flowers to maturity weeks earlier. Millions used every year.

Package of 20, with Cardboard Setter... \$1.10

Package of 100 Hotkaps and Fibreboard Setter..... 4.80

Package of 250 Hotkaps only..... 7.95

KING-SIZE HOTKAPS

Doz. 85c., 25 for \$1.50



Early Multiflora Sweet Pea

WALLFLOWER

Pkt.

Early Paris (Annual). Flowers first season from seed and continues bloom until freezing weather.

Fine for cut blooms, keeps well and has a very delicate perfume. Mixed colors..... \$0.15

"WILD" FLOWER GARDEN MIXTURE

These mixed flower seeds embrace more than a hundred varieties of such easy growing and pretty flowers as are suitable for forming a wild flower garden. They are very useful for woodland walks, roadsides, alongside of fences, and on untidy bare spots which, if properly cared for and kept free from weeds, can bloom during the Summer. Pkt. 15c., oz. 40c., 1/4lb. \$1.25

THE NEW SWEET PEA TRELLIS

TRAIN-ETTS

New Weatherized
TRELLIS NETTING

Ideal Support for SWEET



PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES

Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes; no fuss or bother. Used instead of string or wire. (Wire in sun burns delicate tendrils.) Doesn't rot like string—lasts several seasons. In 3 sizes: No. 1, 60x72 in., 75c.; No. 2, 60x96 in., 95c.; No. 3, 60 x 180 in., \$1.35



SEE... JUST A
SIMPLE
TWIST OF
THE WRIST
AND THE
PLANT IS TIED

'TWIST-EMS'

THE NEW HANDY
PLANT-TIE

"Twist-ems" are dark green, strong tapes with wire reinforcing that makes perfect plant ties. No twine or raffia or shears needed.

8 in., 100 for \$0.29

16 in., 100 for57

250 ft. roll 1.00

ZINNIAS—No Garden is Complete Without Them

Robust-growing annuals, very free flowering. No flowers are more easily grown from seed in the open ground and few bloom so continuously throughout the entire Summer. Those acquainted only with the old-time Zinnias will be surprised at the perfection which the newer strains have attained.

Double Giant Dahlia-flowered

These flowers have a very marked distinction from the ordinary giant class, being true, Dahlia-flowered type, and when picked and placed with Dahlias, it is difficult to tell one from the other. Very free blooming.



Zinnia, Exquisite



Zinnia, Fantasy

- Canary Bird.** Rich canary yellow. Pkt. \$0.20
Crimson Monarch. Largest and best of the red shades. .20
Dream. Fine deep lavender, turning to purple. .20
Exquisite. Light rose, deep rose center. .20
Golden Dawn. Golden yellow. .20
Illumination. Deep rose. .20
Meteor. Rich deep red. .20
Oriole. Immense orange and gold bicolor. .20
Polar Bear. Very large, pure white. .20
Royal Purple. Rich royal purple. .20
Will Rogers. The loveliest and most brilliant scarlet-red. .20
 Above separate colors, ¼ oz. 75c., oz. \$2.00
Finest Mixed. ¼ oz. 65c., oz. \$1.75. .20

Fantasy

A most fascinating new Zinnia. The very informal, shaggy appearing flowers are graceful and interesting. Pkt.

Choice Mixed. ¼ oz. 50c., oz. \$0.25

Zinnia Lilliput, Tom Thumb Mixture

Plants 4 to 6 inches high, very compact, covered with well formed Lilliput type flower covering a wide range of colors. Pkt. 20c., ¼ oz. 50c., oz. \$1.50.

Burpee's Giant Hybrids

A true and uniform new strain. The flowers are thick, composed of fluffy (not curled) petals. The color range is broad, including almost all pastel Zinnia shades. Plants are 2½ ft. tall. **Mixed.** All colors. Pkt. 25c.

Dark Jewels

Deep and vivid colors make this Giant Cactus Flowered Mixture different from anything you have seen before. Strong orange, flame, scarlet, golden yellow, and cherry blooms dominate this mixture. Pkt. 35c.

Cherry Time

Blooms are true cactus type, 5 in. in diameter, and carried on vigorous, full-sized plants. Cherry Time includes closely related hues of cherry, rosy red and spirea red. Pkt. 35c.

Snow Time

An excellent giant white Cactus-Flowered Zinnia. Pkt. 35c.

Lilac Time

A true cactus type. Giant blooms of rosy lilac. Pkt. 35c.

California Giants

Plants of this class are extremely robust, growing 18 to 24 inches high, producing flowers often 5 inches in diameter, mostly very double and of uniform, large size. Adapted to planting of large beds and borders.

- Daffodil.** Canary yellow.
Miss Willmott. Soft pink.
Orange King. Burnt orange.
Purity. Best white in Zinnias.
Salmon Queen. Deep salmon apricot.
Scarlet King. Glowing scarlet.
Rose Queen. Deep rose.
Lavender Gem. Rosy lavender.
Violet Queen. Deep purple.
 Each of the above, pkt. 20c., ¼ oz. 75c., oz. \$2.00

Mixture of above separate colors pkt. 20c., ¼ oz. 65c., oz. \$1.75



Zinnia, Dahlia-flowered

Double Lilliput, or Pompon (Improved Strain)

A very compact type, not over 15 inches high, producing a profusion of very double flowers on long stems, held well above the foliage. As a cut flower are particularly desirable for table decoration.

- Canary Yellow** **Pink Gem**
Purple **White Gem**
Salmon Rose **Rosebud**
Scarlet Gem **Black Ruby**
 Each, above colors, pkt. 20c., ¼ oz. 50c., oz. \$1.50

Mixture of above colors, pkt. 20c., ¼ oz. 50c., oz. \$1.50.

Pastel Mixture. Delicate pastel shades. Pkt. 20c., ¼ oz. 50c.

Cupid. Dwarf, compact little plants bearing quantities of button flowers smaller than Lilliput type. For edging and pots. **Finest Mixed.** Pkt. 25c.



Zinnia, Harmony Type

Persian Carpet

Fully double, ball-shaped flowers of the miniature type, in a sparkling range of variegated color combinations of gold, bronze and orange. Pkt. 25c., ¼ oz. 50c.



Zinnia, Lilliput

Peppermint Stick (New)

Flowers medium-sized. Flower petals are striped in various color combinations. Pkt. 25c., ¼ oz. 75c.

Dwarf Double (Cut-and-come-again)

Medium size flowers, fine for cutting. Mixed colors. Pkt. 20c., ¼ oz. 50c., oz. \$1.50.

ORTHO POLKA New

A great improvement over Peppermint Stick. This new strain will produce flowers over 4 in. across. Colors are extremely varied. They include combinations of pink and white, red and white, scarlet and yellow and many other combinations. Pkt. 25c.

Harmony Type

Among the oddest and most attractive Zinnia forms developed. The flowers bear a remarkable resemblance to the annual Scabiosa.

Finest Mixed. Pkt. 25c.

Red Riding Hood. 1 ft. Of compact form, covered the entire season with double scarlet flowers not over an inch across. Pkt. 20c., ¼ oz. 50c.

Giant Cactus

Ice Cream (New). A rich full-bodied cream; blends with all colors. Flowers large, ruffled and double. Pkt. 25c.

Plus-X Cactus. Giant cactus blooms; mixed colors. Pkt. 25c.

VEGETABLES OF SPECIAL MERIT

BEAN, "EXECUTIVE"

AAS Bronze Medal Winner for 1963

An improved Tendergreen type. Beautiful dark green, full round pods of good length. Very prolific and excellent quality. Pkt. 25c., $\frac{1}{2}$ lb. 60c., lb. \$1.10.

F₁ HYBRID CANTALOUPE, "SATICOY HYBRID" (NEW)

Fruit is slightly oblong, $6\frac{1}{2} \times 5\frac{1}{2}$ inches. Exterior color is slate-green, with a medium ropy netting; approximately 4 pounds in weight. Very productive. Thick, firm, very dark orange flesh of excellent quality, with small seed cavity. Vines are resistant to mildew and fusarium wilt. Because of its strong vine and high degree of disease resistance, this new hybrid will produce for a long period. Pkt. 50c., $\frac{1}{16}$ oz. \$1.00.

CORN, "GOLDEN BEAUTY"

AAS Silver Medal Winner

An excellent Hybrid Corn maturing in 68 days. The ears are attractive, of a bright golden color, excellent flavor and very tender. Plants vigorous and highly productive. Pkt. 25c., $\frac{1}{2}$ lb. 50c., lb. 95c.

F₁ HYBRID CUCUMBER, "SATICOY HYBRID" (NEW)

Fruit dark green, 7 to 8 inches in length, very straight and uniform. Holds its dark green color well after picking. Flesh is crisp, firm, white and of excellent quality. Very strong vine, mosaic and downy mildew resistant, giving this hybrid a long period of productivity. Pkt. 40c., $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75.

LETTUCE, "BUTTERCRUNCH"

AAS Silver Medal Winner for 1963

A butterhead type of Bibb. Head is very compact and heavy for a small Lettuce; leaves are thick and juicy but crisp. It is more heat-resistant and slow-bolting. Excellent for home gardens. Pkt. 35c., $\frac{1}{4}$ oz. 50c.

F₁ HYBRID WATERMELON, "EARLY MIDGET" (NEW)

An ideal ice-box size, dark green in color. Average weight about 6 pounds. Pkt. 50c., $\frac{1}{4}$ oz. \$1.25.

F₁ HYBRID ONION, "SATICOY HYBRID" (NEW)

A high-yielding, early Onion. When seed of Satcoy Hybrid and dry-set varieties are planted at the same time, Satcoy Hybrid matures first. The bulbs are globe-shaped, scales yellowish brown. Pkt. 50c., $\frac{1}{16}$ oz. \$1.00.



Lettuce, "Buttercrunch"

SQUASH, "HERCULES"

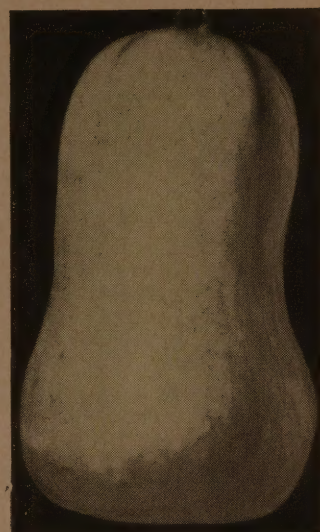
AAS Silver Medal Winner for 1963

Hercules is of the popular Butternut type, larger and with thicker, straight, solid neck. Flesh solid, of fine texture and top flavor. An improvement over the regular Butternut. Pkt. 35c., oz. 75c., $\frac{1}{4}$ lb. \$2.00.

F₁ HYBRID SQUASH, "GREYZINI"

AAS Bronze Medal Winner for 1963

This Squash is a Grey Zucchini type, generally earlier, slender and longer cylindrical or cucumber shape. Skin and flesh are tender and of fine texture. A heavy bearer. Pkt. 35c., oz. 85c., $\frac{1}{4}$ lb. \$2.50.



Squash, "Hercules"

F₁ HYBRID SQUASH, "SATICOY HYBRID" (Crookneck Type) (NEW)

Golden yellow crookneck fruit, edible until 10 to 12 inches long. Nearly smooth, free of warts, uniformly curved, with slender necks. Quite compact bush habit; can be planted close together. This new hybrid matures 5 to 7 days earlier than Early Yellow Summer Crookneck. Pkt. 35c., $\frac{1}{4}$ oz. 75c.

F₁ HYBRID EGGPLANT, "MISSION BELL" (NEW)

An excellent hybrid for market or home garden. It has earliness, uniformity, fine appearance and high quality. Pkt. 50c., $\frac{1}{16}$ oz. \$1.00.

F₁ HYBRID TOMATO, "EARLY DELICIOUS"

(55 days.) Medium large, deep dark red fruit, smooth and free from cracking. Thick flesh of good mild flavor. Pkt. 75c.

F₁ HYBRID TOMATO, "EARLY GIANT" (NEW 60 days.)

An extra early, large-fruited hybrid Tomato. Bred for highest quality fruit and earliness. Pkt. 50c., $\frac{1}{16}$ oz. \$3.00, $\frac{1}{8}$ oz. \$5.00.

F₁ HYBRID TOMATO, "WONDER BOY" (NEW 80 days.)

Extremely large, round, smooth and meaty. A very heavy yielder. Fruit borne in clusters and weighing up to 1 pound or more. Be sure to grow this wonderful Tomato in your garden. Pkt. 50c., $\frac{1}{16}$ oz. \$2.50, $\frac{1}{8}$ oz. \$4.50.

BURPEE'S HYBRID TOMATOES

Burpee's Big Boy. (78 days.) Well grown fruit average 10 ozs. with some weighing 1 lb. or more. Fruit smooth, firm, with bright red, meaty flesh. Pkt. 50c.

Big Early Hybrid. (62 days.) A prolific main crop, all-purpose Tomato. Fruits large, about 8 ozs., bright scarlet, smooth, with firm, meaty flesh. Pkt. 75c.

Burpee Hybrid. An all-purpose, main crop true first generation Hybrid Tomato, outstanding for quality and fine flavor. Fruits medium to large, firm, thick walled, globular in shape, scarlet red in color. Pkt. 50c.

PINO'S Vegetable Seeds



SPERGON: A seed protectant in powder form for treating seed before planting. Spergon protects seed from harmful fungi that are present in nearly all soils which tend to cause decay and damping-off, especially in cold wet weather. Spergon assures better germination of the seed and produces healthy plants that give better yield.
1 oz. package...\$0.50
5 oz. package...1.75

Our Vegetable Seeds are tested for germination by a reliable company and one will find the percentage of germination and date of such test on every seed packet.

Asparagus One ounce to 40 feet of drill

Sow the seed in Spring in drills 15 inches apart, the following Spring transplant to permanent beds. Plant for private use in rows 3 feet apart and allow 12 inches in the rows, covering the roots 6 inches. For market on a large scale, set 4 by 2 feet.

Mary Washington. A rust-resisting variety. **Pkt. 15c., oz. 35c., 1/4lb. 90c., lb. \$3.50.**

Asparagus Roots

Mary Washington. The earliest and produces more and larger stalks than other strains, the highest rust-resisting variety. The best for home gardens. Extra 2-year-old roots. **25 for \$1.50, \$5.50 per 100.**
Asparagus Knives, 70c. each.



Asparagus

Treat Beans with Spergon

BEANS—Dwarf or Bush

One pound to 100 feet of drill Inoculate with Legume-Aid

For succession, Bush Beans should be planted at intervals of two weeks from May until August. Make drills 2 feet apart and plant 2 inches deep.

Pearlgreen. AAS Silver Medal Winner. Pods neat, smooth, bright green, round and very meaty. Plants medium height. Seed pure white. **Pkt. 25c., 1/2lb. 50c., lb. 90c.**

Contender. Very early and highly productive. Pods 6 to 7 inches long, round when young, thick oval later. Stringless and fiberless. **Pkt. 20c., 1/2 lb. 40c., lb. 75c., 5 lbs. \$3.25.**

Wade. Gold Medal Winner. Pods smooth, dark green and slender of excellent quality. **Pkt. 20c., 1/2lb. 45c., lb. 80c.**

Topcrop. The heaviest bearer of all popular varieties of bush beans, green podded, stringless and fiberless, of highest eating quality and remains edible over a long period of time. **Pkt. 20c., 1/2lb. 40c., lb. 75c., 5 lbs. \$3.25.**

Cherokee Wax. A new, vigorous and productive variety. Pods oval, entirely stringless, tender and good quality and a beautiful golden wax color. **Pkt. 20c., 1/2lb. 45c., lb. 80c.**

Tendergreen. A stringless green Bean with straight, round pods. Excellent flavor and heavy yielder. **Pkt. 20c., 1/2lb. 40c., lb. 75c., 5 lbs. \$3.25.**

Stringless Green Pod. Extra early, stringless, round pod. Very prolific and excellent quality. **Pkt. 20c., 1/2lb. 35c., lb. 65c., 5 lbs. \$3.00.**

Early Bountiful. A stringless flat pod variety of excellent quality. Green podded. **Pkt. 20c., 1/2lb. 40c., lb. 75c., 5 lbs. \$3.00.**

Dwarf Horticultural. An excellent shell Bean. **Pkt. 20c., 1/2lb. 45c., lb. 80c., 5 lbs. \$3.25.**

Improved Golden Wax. A favorite among yellow podded varieties; pods flat. **Pkt. 20c., 1/2lb. 40c., lb. 75c., 5 lbs. \$3.00.**

Round Pod Kidney Wax (Brittle Wax). Of the finest quality; entirely stringless. **Pkt. 20c., 1/2lb. 45c., lb. 80c., 5 lbs. \$3.25.**

Pencil Pod Black Wax. Pods round, bright yellow and entirely stringless. **Pkt. 20c., 1/2lb. 40c., lb. 75c., 5 lbs. \$3.25.**

Fordhook No. 242 Bush Lima. Very productive and of excellent quality; large seeded variety. **Pkt. 20c., 1/2lb. 45c., lb. 80c., 5 lbs. \$3.25.**

Triumph Bush Lima (343). A new variety of excellent quality, pods small, containing 3 to 4 small beans, setting even in hot weather. Unsurpassed for freezing. **Pkt. 20c., 1/2lb. 40c., lb. 75c.**

English Broad Windsor (Fava Beans). Mammoth long pod. A tender and delicious shell bean. Plant early. **Pkt. 20c., 1/2lb. 45c., lb. 80c., 5 lbs. \$3.25.**



Beans, Fordhook No. 242 Bush Lima



Beans, Topcrop

Pole, or Running Beans One pound to 75 hills

The planting of Pole Beans should be delayed a week or more after the planting of the early dwarf sorts. Make hills about 3 feet apart and 1 to 2 inches deep and plant five to six seeds in each hill; thin to three plants in each hill when well established. Limas should not be planted until weather becomes warm and settled. Flat beans should be placed in the soil edgewise, eye down.

Italian Pole. A fine quality string Bean. Pods 6 in. long, very tender, and free from fiber. A heavy cropper. An excellent green or dry shell bean. **Pkt. 25c., 1/2lb. 65c., lb. \$1.25.**

Mammoth Horticultural Pole (Worcester Strain). A very prolific shell Bean. Large and high colored pods. **Pkt. 20c., 1/2lb. 45c., lb. 80c., 5 lbs. \$3.25.**

Kentucky Wonder. An excellent variety, entirely stringless, round pod. **Pkt. 20c., 1/2lb. 40c., lb. 75c., 5 lbs. \$3.00.**

Kentucky Wonder Wax. Pods very long, fleshy, stringless, light yellow. **Pkt. 20c., 1/2lb. 45c., lb. 80c., 5 lbs. \$3.75.**

Scarlet Runner. Highly ornamental; also used as a table Bean. **Pkt. 25c., 1/2lb. 45c., lb. 80c., 5 lbs. \$3.25.**

Large White Lima (King of the Garden). The standard Pole Lima. Quality excellent. **Pkt. 20c., 1/2lb. 45c., lb. 80c., 5 lbs. \$3.25.**

Yard Long. A very curious sort, producing pods 2 ft. or more in length, the thickness of a lead pencil. **Pkt. 20c., 1/4lb. 35c., 1/2lb. 65c., lb. \$1.25.**

BEETS

One ounce to 50 feet of drill; 5 to 6 pounds per acre

Treat Beet seed with PHYGON—it prevents damping off and insures a good stand of healthy seedlings.

Sow early as ground can be worked in the Spring and for succession follow every two weeks until July. For main crop sow last of May. Light, sandy loam well enriched with stable manure is best adapted and should be plowed and harrowed until very fine. Make drills 1 foot apart and when well up thin to 4 or 5 inches in the row. Beets like well limed soil.

Ruby Queen. AAS Bronze Medal Winner. An excellent new, early bunching Beet. Root is round and smooth, and bright red in color. Flesh texture is unusually fine. **Pkt. 25c., oz. 40c., 1/4lb. \$1.25.**

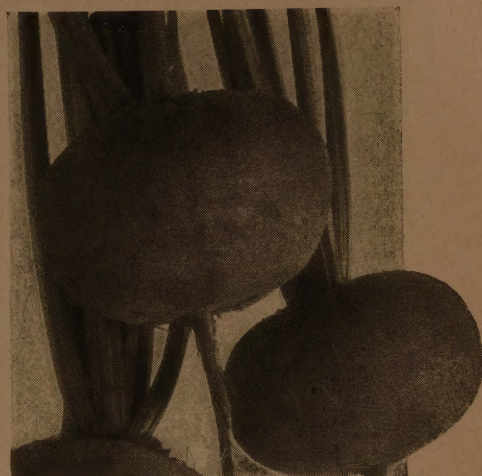
Early Wonder. Top-shaped roots of uniform color. Very early and good quality. **Pkt. 15c., oz. 35c., 1/4lb. 85c., lb. \$2.00.**

Crosby's Egyptian. An improved strain of Egyptian Beet. Rich dark red, crisp and tender. An excellent early sort. **Pkt. 15c., oz. 35c., 1/4lb. 85c., lb. \$2.00.**

Detroit Dark Red. Very tender and sweet; skin dark blood red; flesh bright red; fine round shape. Excellent for main crop. **Pkt. 15c., oz. 35c., 1/4lb. 85c., lb. \$2.00.**

Winter Keeper. Always sweet and tender, roots long and tapering. A good keeper. **Pkt. 15c., 1/2oz. 25c., oz. 40c., 1/4lb. \$1.00.**

Red Ball. Round, dark red Beet, sweet and tender. **Pkt. 25c., oz. 50c.**



Beet, Crosby's Egyptian

Swiss Chard, or Spinach Beets

Giant Lucullus. Extra large, crumpled or Savoy-leaved. Leaves used as greens, cooked in same manner as Spinach and the large ribs are prepared like Asparagus. **Pkt. 15c., oz. 30c., 1/4lb. 75c., lb. \$2.00.**

Large White. Similar to above, plain-leaved. **Pkt. 15c., oz. 30c., 1/4lb. 75c., lb. \$2.00.**

Rhubarb Chard. A new Swiss Chard that looks like Rhubarb. The leaf stalks are bright but delicate translucent crimson; tasty, delicious flavor. **Pkt. 15c., 1/2oz. 30c., oz. 50c.**



Swiss Chard, Lucullus

Basil (Sweet)

Large Leaf. Vigorous growing variety with light green foliage. Leaves have a spicy aroma and flavor. Used for seasoning soups, stews, omelets and salads. **Pkt. 15c., 1/2oz. 30c., oz. 50c.**

Lettuce Leaf. Very large-leaved strain, broad leaves are 6 in. long. **Pkt. 15c., 1/2oz. 30c., oz. 50c.**

Lettuce Leaf, Purple. **Pkt. 15c., 1/2oz. 30c., oz. 50c.**

Borecole, or Kale

One ounce will produce about 3000 plants

Sow in beds early in Spring and transplant in June treating in same manner as Cabbage.

Dwarf Curled Scotch. Very dark and spreading, the best variety. **Pkt. 15c., oz. 40c., 1/4lb. \$1.00.**

Siberian. A very hardy variety with bluish leaves curled at the edges. Used to winter over, produces an early Spring crop of "sprouts." **Pkt. 15c., oz. 30c., 1/4lb. 75c.**



Kale, Curled Scotch

Broccoli

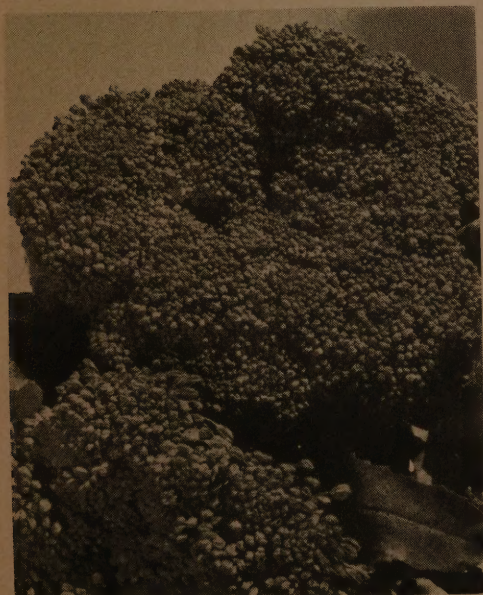
One ounce will produce about 2000 plants

Sow seed in May and plant out in June in rows 2 feet apart each way.

Early Green Calabrese. This variety is much sought by the Italian trade. Forms a fair size green head; after this is cut from the main stalk new sprouts develop, forming new heads of a loose nature. **Pkt. 20c., 1/2oz. 35c., oz. 65c., 1/4lb. \$1.50.**

DeCicco. This variety has proved to be the earliest strain of real value, fully a week ahead of Early Green Calabrese. **Pkt. 20c., 1/2oz. 45c., oz. 85c., 1/4lb. \$2.25.**

Italian Broccoli Rape (Raab). Used as early greens, leaves are broad strapleaf Turnip type. **Pkt. 15c., oz. 40c., 1/4lb. \$1.00, 1/2lb. \$1.75.**



Broccoli, DeCicco

Brussels Sprouts

One ounce will produce about 3000 plants

The seed should be sown about the middle of May in a seed bed and plants afterwards set in rows 2 feet or more apart and cultivated like Cabbage. This vegetable does not require extremely high cultivation. It is for use late in Autumn after early frosts.

Long Island Improved (Catskill). Compact in growth and of excellent quality. **Pkt. 20c., 1/2oz. 75c., oz. \$1.40.**

Jade Cross Hybrid. Early and more productive than other "Sprouts." The rich blue-green "Sprouts" are excellent for all purposes. **Pkt. 35c.**

CARROTS

One ounce to 100 feet of drill,
four pounds per acre

For early crop sow as soon as the ground can be worked; they may be sown as late as the middle of June. The drills should be 1 inch deep and 1 foot apart, thinning out to 3 or 4 inches between the plants. Carrots do best in a deeply tilled sandy loam.

Gold Pak. All-America Bronze Medal. Gold Pak has smooth, uniform roots of remarkable length, 8 to 10 in., very slender and cylindrical shape. Excellent color. **Pkt. 25c., 1/2oz. 40c., oz. 70c., 1/4lb. \$2.00.**

Imperida. Refined, new, bright colored bunching Carrot. Roots cylindrical. 8 in. long, smooth, dark orange throughout. Excellent quality. **Pkt. 25c., oz. 75c.**

Danvers Half-Long. The best sort for general use. Rich, deep orange color; excellent quality; roots taper to a point. A very heavy cropper. (Select stock.) **Pkt. 15c., 1/2oz. 25c., oz. 40c., 1/4lb. \$1.00, lb. \$3.00.**

Imperator. Roots 8 to 10 in. long, slightly tapering, of a deep orange color. Very tender and sweet. **Pkt. 15c., 1/2oz. 30c., oz. 50c., 1/4lb. \$1.50.**

Improved Long Orange. Large variety; used for main crop. **Pkt. 15c., 1/2oz. 25c., oz. 40c., 1/4lb. \$1.00, lb. \$3.00.**

Tendersweet. Tapering, handsome, blunt-ended roots, about 9 inches long, and fine, deep orange-red in color. They are exceptionally sweet, tender and of high quality. **Pkt. 20c., 1/2oz. 30c., oz. 50c., 1/4lb. \$1.50.**

Chantenay. A stump-rooted variety having a large shoulder; very productive. **Pkt. 15c., 1/2oz. 25c., oz. 40c., 1/4lb. \$1.00, lb. \$3.00.**

Nantes. A very handsome early Carrot with deep orange color and smooth, cylindrical form; about 6 in. in length by 1 1/2 in. diameter, free from woody heart or core, and of the best quality. Tops very small and short. **Pkt. 20c., 1/2oz. 30c., oz. 50c., 1/4lb. \$1.50.**



Carrot, Danvers Half-Long



Cabbage, Savoy

CABBAGE

One ounce will produce about
1500 plants

For early use sow the seed in hotbeds in February or March, or may be sown about the middle of September, and the plants wintered over in coldframes. Transplant in Spring as soon as ground can be worked, in rows 2 feet apart, the plants 18 inches apart in the rows. For late or Winter use, sow seed in May, set out the plants in July; 2 1/2 by 3 feet.

Early Jersey Wakefield. The best early sort. Medium size, pyramidal shape with rounded peak. **Pkt. 15c., 1/2oz. 30c., oz. 50c., 1/4lb. \$1.75.**

Golden Acre. Early, solid, uniform heads, medium size with few outer leaves allowing close planting. **Pkt. 15c., 1/2oz. 35c., oz. 60c., 1/4lb. \$2.00.**

Copenhagen Market. A round-headed sort, early as Wakefield. A standard variety. **Pkt. 15c., 1/2oz. 30c., oz. 55c., 1/4lb. \$1.75.**

Hollander, or Danish Ball Head. Excellent Winter sort, heads very solid. **Pkt. 15c., 1/2oz. 35c., oz. 60c., 1/4lb. \$2.00.**

Penn State Ballhead. Considered one of the best Winter Cabbages. Heads are globe-shaped, slightly flattened on the top. **Pkt. 15c., 1/2oz. 35c., oz. 60c., 1/4lb. \$2.00.**

Premium Flat Dutch. Main crop variety. **Pkt. 15c., 1/2oz. 30c., oz. 50c., 1/4lb. \$1.75.**

American Drumhead Savoy Improved. The finest Savoy variety, finely curled, large and solid. **Pkt. 15c., 1/2oz. 35c., oz. 60c., 1/4lb. \$2.00.**

Mammoth Rock Red. Large size, very solid. **Pkt. 20c., 1/2oz. 40c., oz. 75c., 1/4lb. \$2.50.**

Michihili. Improved Chihili, slender heads 20 ins. tall. The finest of all Chinese Cabbage. **Pkt. 15c., 1/2oz. 30c., oz. 50c.**

Wong Bok (Chinese Cabbage). Select strain. An early dwarf variety with very large, compact heads. **Pkt. 15c., 1/2oz. 30c., oz. 50c.**

Cauliflower

Cultivate as directed for Cabbage. In dry weather water liberally. Cauliflower likes a cool, moist situation.

Super Snowball. A very popular early variety; for family use or market gardeners. Dwarf in habit with short, outer leaves, allowing close planting. Heads white and of finest quality. **Pkt. 25c., 1/4oz. \$1.00, 1/2oz. \$1.90, oz. \$3.50.**



Cauliflower, Snowball



Celery, Giant Pascal

Cardoon

Large Tours. Fine large stalked variety. **Pkt. 15c., 1/2oz. 45c., oz. 85c.**

Collards

Georgia. The true Southern variety, a tall cabbage-like plant used for greens. **Pkt. 15c., oz. 25c., 1/4lb. 60c.**

CELERY

One ounce will produce about
1500 plants

Seed may be sown in the open ground in April. Sow about 1/2 inch deep and firmly press the soil over the seed. After the seed is up, keep carefully clear of weeds until the time of planting, in June or July. After the ground has been well prepared, plant in rows from 3 to 4 feet apart, according to variety, setting the plants about 6 inches apart and pressing the soil firmly about the roots. The soil best suited for Celery is a rich, moist loam.

Giant Pascal. Plants uniform and erect. Resistant to early and late blight, good flavor. **Pkt. 20c., 1/2oz. 65c., oz. \$1.25.**

Summer Pascal. A new and early green variety. Medium tall. **Pkt. 25c., 1/2oz. 65c., oz. \$1.25.**

Celeriac, or Turnip-rooted. Grown exclusively for the roots. **Pkt. 15c., 1/4oz. 35c., 1/2oz. 60c., oz. \$1.00.**

RAINBOW CORN

(Ornamental)

Extra bright and varied colored strain, extra large ears. Our strain contains all known colors in bright combinations. **Pkt. 25c., lb. 75c.**

SWEET CORN

(NEW)

"Golden Beauty"

All-America Silver Medal Winner

An excellent Hybrid Corn maturing in 68 days. The ears are attractive, of a bright golden color, excellent flavor and very tender. Plants vigorous and highly productive.

Pkt. 25c., 1/2lb. 50c., lb. 95c.

Golden Sunshine. An extra early yellow Corn. Good sized 12-rowed ears of excellent quality. **Pkt. 20c., 1/2lb. 35c., lb. 60c.**

Golden Bantam. Especially prized by home gardeners. Our strain is the true 8-rowed type, retaining the bright color and delicious flavor of the original. **Pkt. 20c., 1/2lb. 35c., lb. 65c., 5 lbs. \$2.50.**

Honey and Cream. (78 days.) Top quality home-garden Corn, unsurpassed for tenderness and sweetness. 6-inch, 12-rowed ears with yellow and white kernels. **Pkt. 25c., 1/2lb. 75c., lb. \$1.25.**

Stowell's Evergreen. One of the most popular varieties for main crop. **Pkt. 20c., 1/2lb. 35c., lb. 60c.**

Country Gentleman. Main crop variety, kernels very deep and slender. **Pkt. 20c., 1/2lb. 35c., lb. 60c.**

White Midget. A short growing Sweet Corn growing 2 1/2 to 3 ft. in height with ears 4 to 5 in. long. This is a very sweet little Corn. Highly recommended for small gardens. **Pkt. 25c., 1/4lb. 50c., 1/2lb. 75c., lb. \$1.25.**

Golden Midget. A real nice Sweet Corn of superior quality. Ears 3 1/2 inches long, of a creamy yellow. Novelty of merit. **Pkt. 25c., 1/4lb. 50c., lb. \$1.25.**

Chicory

Italian (Cicoria Cataloga). Popular for early greens. Both young leaves and seed stalk are edible. **Pkt. 15c., 1/2oz. 35c., oz. 65c., 1/4lb. \$2.00.**

Large-rooted. The young leaves may be used as a Spring salad. Dried and prepared roots are used as a substitute for coffee. Sow early in Spring in drills 2 feet apart, thinning to 6 in. **Pkt. 15c., 1/2oz. 35c., oz. 60c.**

Sweet Corn

One pound to 150 hills; twelve pounds per acre.

Plant in hills 3 feet apart each way and five to six kernels in a hill. Hoe often and draw soil up to the stem. Make ground rich with well rotted manure. For succession plantings should be made at intervals from May to July.

HYBRID SWEET CORN

Carmelcross (80 days). New hybrid of outstanding quality. Large 14-16 rowed ears of beautiful golden color and superior tenderness and flavor.

Golden Cross Bantam (88 days). D deservedly the most popular main crop hybrid. Bright golden color, tenderness and fine flavor combine to make a universal favorite for market, canning and home use.

Lincoln (84 days). New midseason introduction of the Conn. Agricultural Experiment Station destined to be popular as the largest eared and best quality hybrid of its season.

Marcross (S) (72 days). (New.) Early wilt resistant, a hybrid of strong growth with large well-filled ears. 12 to 14 rowed. Resistant to cold and wilt.

Spancross (70 days). An early hybrid, highly resistant to wilt. 10 to 12 rowed, kernels golden yellow and sweet.

Iochief. *All America Gold Medal Winner.* Excellent for canning or freezing. Ears are 9 to 10 ins. long and 16-rowed with exceptionally deep grains. Iochief has excellent flavor and tenderness.

Above varieties: **Pkt. 25c., 1/2lb. 45c., lb. 85c., 5 lbs. \$4.00**



Hybrid Sweet Corn, Golden Cross Bantam

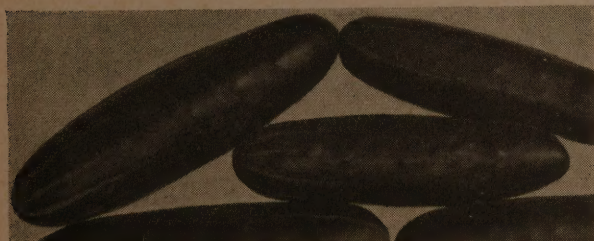
Cucumbers

One pound to 50 hills, 2 pounds per acre

Cucumbers succeed best in warm, rich, sandy loam. Plant when all danger of frost is past, in hills about 4 feet apart each way; the hills should be previously prepared by mixing thoroughly with the soil of each, a shovelful of well-rotted manure. Sow for pickling from the middle of June to the middle of July.

Burpee Hybrid. This variety outyields open pollinated varieties because the vines continue to produce their fruit most profusely long after the others have ceased. Fruit 8 in. or more long, square at both ends with medium seed cavity and crisp, white flesh of excellent quality. **Pkt. 35c., 1/4oz. \$1.50.**

Surecrop Hybrid. This hybrid matures in 58 days. Fruits are slender and blunted 8 to 9 in. long. Flesh is white, crisp, tender and of good flavor. Vines are extremely vigorous. **Pkt. 35c., 1/4oz. \$1.50, 1/2oz. \$2.95.**



Cucumber, Burpee Hybrid

Smoothie. *All-America Bronze Medal Winner.* A very dark green slicing Cuke. Fruits about 8 in. long, smooth and glossy. Flesh is crisp and white. Excellent flavor and quality. **Pkt. 25c., 1/2oz. 30c., oz. 50c.**

Straight Eight. Fruit 8 in. long, straight and symmetrical. Rich dark green color. **Pkt. 15c., oz. 45c., 1/4lb. \$1.25.**

Improved White Spine. Thick, straight, smooth, shiny dark green, a general favorite for market or home. **Pkt. 15c., oz. 30c., 1/4lb. \$1.00.**

Boston Pickling. One of the best varieties for pickling. **Pkt. 15c., oz. 35c., 1/4lb. \$1.10.**

Marketer. Fruits uniform, slender and dark green, very prolific. **Pkt. 20c., oz. 50c., 1/4lb. \$1.25.**

Longfellow (Long Green). 10 to 12 in. in length, dark green. **Pkt. 20c., 1/2oz. 25c., oz. 45c., 1/4lb. \$1.25.**

China. A remarkably fine quality Cucumber, often growing 20 in. long, skin bright green and smooth. The flesh is firm, white and extremely crisp. Vines are vigorous and healthy, resist disease. **Pkt. 25c., 1/2oz. 40c., oz. 75c.**

Cress

Extra Curled. Very fine; may be cut two or three times. **Pkt. 15c.**

Watercress. Hardy perennial aquatic plant. **Pkt. 15c.**

Upland. Dwarf plants with notched leaves, resembles Watercress in shape and flavor. **Pkt. 15c.**

Garlic Sets

Extra Select. For flavoring soups, stews, salad dressing, etc. We offer mother bulbs which should be separated before planting. **1/2lb. 40c., lb. 75c.**



Eggplant, Black Beauty

Dandelion

One ounce will sow 100 feet of drill; 2 pounds to one acre

Sow in May or June in drills a foot apart, press the earth firmly over the seed, cultivate during Summer, cover lightly with straw during Winter.

Improved Broad-leaved. Pkt. 20c., 1/4oz. 35c., 1/2oz. 65c.

Eggplant

One ounce will produce about 1000 plants

The seed should be sown in hotbeds the first week in April. Plant out about June 1st, about 2 1/2 feet apart. Eggplant will thrive well in any good garden soil.

Black Beauty. Remarkably healthy growth and large fruit. Pkt. 20c., 1/2oz. 50c., oz. 90c., 1/4lb. \$3.00.

Long Purple. Plants tall and erect. Fruits deep purple, 8 to 10 inches long, 3 inches thick. Pkt. 20c., 1/2oz. 50c., oz. 90c., 1/4lb. \$3.00.

New Hampshire Hybrid. Early and prolific. Pkt. 25c., 1/2oz. 50c., oz. 90c.

Endive (Escarolle)

One ounce will sow 150 feet of drill

For an early supply sow about May 1st. Used mainly in Fall, the main sowings are made in June and July in rows 1 1/2 feet apart covering seed firmly with 1/2 inch of soil, thin to 8 to 12 inches apart. When grown tie to blanch.

Green Curled. Hardy, leaves dark green, tender. Pkt. 15c., oz. 40c., 1/4lb. 75c.

Full Heart Batavian. Plant about 12 inches in diameter; of upright growth, with a dense mass of thick, slightly crumpled leaves strongly bunched to give a well blanched heart. Extensively used by market gardeners and shippers. Pkt. 15c., oz. 40c., 1/4lb. 85c.

KALE. See BORECOLE. Page 17.

Kohlrabi

The seeds of this plant may be sown at the same period as the Swedish or Rutabaga Turnip, and may be cultivated in the same way, remembering to leave the chief part of the stems uncovered by the earth. The bulbs may be kept sound and nutritious until late in the Spring, even later than those of Turnips.

Early White Vienna. An early variety having few leaves. Bulbs smooth, white, medium size. Ready for use in about 10 weeks. Pkt. 15c., 1/2oz. 30c., oz. 50c.

Early Purple Vienna. Similar to the white variety, but dark purple in color. Pkt. 15c., 1/2oz. 30c., oz. 50c.



Endive, Green Curled

Leek

One ounce will sow 100 feet of drill

The Leek is very hardy and easily cultivated. Sow in April in drills 1 foot apart and transplant in July into rows 15 inches apart and 6 inches in the rows. The soil should be rich but not freshly manured. The Leek is a member of the Onion family and the method of cultivation is like the Onion except that it should be grown deeper in the ground.

Musselburgh. Grows to very large size. Pkt. 20c., 1/2oz. 40c., oz. 75c.

Lettuce

One ounce will sow 100 square feet or 120 feet of drill

The earliest sowing may be made in February or March under glass, with slight heat. For later supplies, sow in the open ground, as the season will permit, thin out well and set in rows 2 feet apart and a foot between the plants. Lettuce requires good ground and abundant moisture.

Slobolt. Longstanding selection of Grand Rapids. Pkt. 15c.

Premier Great Lakes. An outstanding new Lettuce, of the popular Iceberg type, early, good-sized and firm heading. Resistant to tip-burn. Pkt. 25c., 1/2oz. 40c., oz. 75c.

Improved Salamander. Withstands hot weather remarkably well. Plants large, compact. Leaves large, broad, overlapping, with heart well blanched. One of the best for Summer planting. Pkt. 15c., oz. 30c., 1/4lb. 90c.

Big Boston. Fine for coldframes or out-of-doors. Head large and solid. Pkt. 15c., oz. 35c., 1/4lb. \$1.00.

Oak Leaf. A rather indefinite head of medium size. Leaves medium green, deeply lobed with middle leaf having a long, finger like point. Very decorative. Pkt. 20c., 1/2oz. 30c., oz. 50c.

Salad Bowl. Gold Medal Winner. Improved loose-leaved variety. Leaves are so abundant that dense rounded rosettes are formed. Pkt. 20c., 1/2 oz. 40c., oz. 75c.

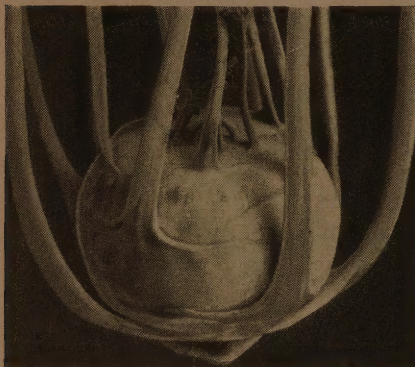
Great Lakes. A very attractive crisp head of Iceberg type Lettuce. Great Lakes is a Summer Lettuce. It stands the heat and sun and remarkably slow to throw a seed head. Is very resistant to tip burn. Pkt. 25c., 1/2oz. 40c., oz. 75c.

Grand Rapids. A favorite for the home garden, is a curly leaved Lettuce of upright habit. Pkt. 15c., oz. 40c.

New York, No. 12. (Iceberg.) An early variety. Large, compact head with frilled edge, dark green leaves. Pkt. 20c., 1/2oz. 30c., oz. 50c., 1/4lb. \$1.75.

Romaine or Self-Folding Cos. Should be sown early and tied up to blanch; long leaved, crisp and tender. Pkt. 15c., oz. 40c., 1/4lb. \$1.25.

Matchless. Tender, crisp, sweet-flavored Lettuce; leaves dark green of deer tongue shape. Excellent Summer Lettuce. Pkt. 20c., 1/2oz. 35c., oz. 65c.



Kohlrabi, White Vienna



Lettuce, Big Boston



Leek, Musselburgh

Mustard One ounce to 80 feet of drill

Sow in shallow drills a foot apart, covering the seeds about a half inch deep. For succession sow every few weeks. The young leaves are used for salad or are cut and boiled like Spinach and the seeds are used for flavoring.

Green Wave. (New.) This is the longest standing variety in existence. Has large, thickly filled leaves with a deep dark green color. **Pkt. 15c., oz. 35c., 1/4lb. \$1.00.**

Florida Broad Leaf. Large, upright growing plant; leaves large and thick, bright green; smooth with toothed edges, pale green midribs. **Pkt. 15c., oz. 25c., 1/4lb. 50c.**

Southern Curled. Large, crumpled and frilled leaves. Plants strong and upright. **Pkt. 15c., oz. 25c., 1/4lb. 50c.**

Tendergreen. A mild-flavored mustard, leaves long, broad and fairly smooth. **Pkt. 15c., oz. 25c., 1/4lb. 50c.**

Muskmelon One ounce to 80 hills, 2 to 3 pounds per acre

Prepare hills 4 to 5 feet apart each way; mix well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure. When the weather has become warm, plant from 12 to 15 seeds in each hill; afterward thin out, leaving four good plants.

Delicious 51. New and early strain of Bender's Surprise, slightly smaller and two weeks earlier. **Pkt. 20c., oz. 50c., 1/4lb. \$1.50.**

Bender's Surprise. Vigorous growth, disease-resisting. Melons nearly round, flesh rich orange color and remarkably spicy flavor. **Pkt. 15c., oz. 40c., 1/4lb. \$1.25.**

Iroquois. Fruit resembles Bender's Surprise, but of superior quality, has coarse netting and thick orange flesh, nice texture and very high sugar content. Resistant to blight. **Pkt. 25c., 1/2oz. 30c., oz. 50c., 1/4lb. \$1.75.**

Emerald Gem. Early. Small, flesh deep orange, very sweet; best and most popular sort for this section. **Pkt. 15c., oz. 35c., 1/4lb. \$1.00.**

Granite State. *Bronze Medal Winner.* A very early, orange-fleshed netted melon of high quality. Vines small and compact. Fruits average about 5 in. by 4 in. Because of its extra earliness and small size this melon is recommended for this section. **Pkt. 25c., 1/2oz. 30c., oz. 50c.**

Saticoy Hybrid. Outstanding, true, first-generation hybrid. Fruits heavily netted, slightly oval and weigh 4 to 4 1/2 lbs. each. Flesh deep orange, thick, firm, juicy and sweet. **Pkt. 50c., 1/6oz. \$1.00.**



Muskmelon, Delicious 51

Watermelon One ounce to 30 hills; 4 to 5 pounds per acre

Plant in hills as for Muskmelons, treat in all respects the same except that the hills should be about 8 feet apart.

Sugar Baby. (New.) An excellent small melon. Uniform and perfectly round, about 7 inches in diameter. Crisp red flesh of good quality. **Pkt. 25c., 1/2 oz. 40c., oz. 75c.**

Rhode Island Red. Developed at Rhode Island Agricultural Experiment Station. A new early-maturing red-fleshed Watermelon. Average weight about 10 lbs.; flesh is solid, crisp and of high quality. Plants are very vigorous. **Pkt. 25c., 1/2oz. 35c., oz. 60c., 1/4lb. \$1.50.**

New Hampshire Midget. *Gold Medal Winner.* A very early and prolific Watermelon; fruit 6 in. through with strawberry-red flesh. **Pkt. 20c., oz. 50c.**

Kleckley's Sweet. Vines vigorous, productive; flesh bright red, exceedingly sweet. **Pkt. 15c., oz. 35c., 1/4lb. \$1.00.**



Watermelon, New Hampshire Midget

Okra, or Gumbo One ounce will sow 50 ft.

Sow early in May in drills 2 inches deep, setting the plants from 2 to 3 feet apart.

Perkins' Mammoth Long-podded. About 3 ft. high; very early and productive. **Pkt. 15c., oz. 35c., 1/4lb. 65c.**

Onions

One ounce will sow 100 feet of drill; 6 lbs. per acre

A rather strong, deep, rich, loamy soil is considered most suitable for Onion culture. Prepare ground the previous Autumn by plowing or spading deeply and applying a heavy coat of well rotted barnyard manure. Sow seed early in Spring in shallow drills 1 foot apart, covering with fine soil, and press down by the use of a light roller or the back of a spade. Thin plants to 4 inches and keep free from weeds.

Yellow Globe Danvers. Standard sort, deep, globe-shape, large size, mild flavor and a good keeper. **Pkt. 15c., 1/2oz. 35c., oz. 65c., 1/4lb. \$2.00.**

Large Red Wethersfield. One of the most productive and longest keeping sorts. Large size, flat, purplish red color. **Pkt. 15c., 1/2oz. 40c., oz. 75c., 1/4lb. \$2.50.**

Southport White Globe. Large, globe-shape, mild flavor and firm; a good keeper. Always commands a high price in market. **Pkt. 15c., 1/2oz. 40c., oz. 75c., 1/4lb. \$2.50.**

Prizetaker. Globe-shape, very large size, extremely mild flavored; is most satisfactory when sown early in hotbed and transplanted. **Pkt. 20c., 1/2oz. 40c., oz. 75c., 1/4lb. \$2.50.**

Sweet Spanish. An immense ball-shaped, light yellow variety. Mild flavor. **Pkt. 25c., 1/2oz. 45c., oz. 80c., 1/4lb. \$2.00.**

Hardy White Bunching. A profitable bunching Onion, produces 4 to 6 shoots from a single seed. **Pkt. 20c., 1/2oz. 40c., oz. 75c.**



Onion, Sweet Spanish

Onion Sets

We will have ample stock of the following: **White, Red, Yellow and Shallots.**

Peanuts

Early Spanish. Vines very compact. The best for growing in this section. **Pkt. 25c., 1b. 75c.**



Parsley, Champion Moss Curled



Peas, Laxton's Progress #9

Parsley

One ounce will sow
150 feet of drill

Sow thickly in drills a foot apart and half an inch deep early in the Spring, having soaked seed in tepid water a few hours.

Champion Moss Curled. Fine and unsurpassed for garnishing. Dark green leaved beautifully curled. **Pkt. 20c., oz. 35c., 1/4lb. \$1.00.**

Plain-leaved Italian Parsley. **Pkt. 15c., oz. 35c., 1/4lb. 75c.**

Plain Large-leaved Italian. Larger stalks and leaves than ordinary plain Parsley. Milder and sweeter flavor. **Pkt. 15c., oz. 35c., 1/4lb. \$1.00.**

Hamburg-rooted. Fleshly vegetable root for soups, etc. **Pkt. 15c., oz. 35c., 1/4lb. 90c.**

Parsnip

One ounce will
sow 200 feet of
drill; 5 lbs. per
acre

Sow as early as possible in drills 2 1/2 feet apart and half an inch deep, and press the soil firmly over the seed; succeeds best in rich, sandy loam, deeply tilled and avoid fresh manure.

Hollow Crown. Roots 10 to 12 in. long, uniformly tapered, smooth and clean. **Pkt. 15c., oz. 35c., 1/4lb. 85c.**



Parsnip, Hollow Crown

PEAS

One pound will plant about 75 feet of drill
Treat Peas with SPERGON—it increases yield

Plant the extra early smooth varieties as soon as the ground can be worked, and the wrinkled sorts soon as the ground becomes warm. Make rows for dwarf varieties 2 1/2 feet apart and for tall sorts 3 feet apart.

Freezonian. Vines grow 2 1/2 ft. Pods 3 1/2 in. long filled with dark green high quality peas. Excellent for quick-freezing. Wilt-resistant. **Pkt. 20c., 1/2lb. 35c., lb. 65c., 5 lbs. \$2.75.**

Lincoln. Midseason garden Pea of excellent quality. 30-inch vine with long narrow pods filled with medium-sized peas. Good freezer. **Pkt. 20c., 1/2 lb. 40c., lb. 70c., 5 lbs. \$3.00.**

Laxton's Progress #9. Largest podded of the early dwarf varieties. Height 18 in. Dark green pods averaging 9 Peas to the pod. **Pkt. 20c., 1/2lb. 40c., lb. 70c., 5 lbs. \$2.50.**

Little Marvel. Excellent quality and very productive. **Pkt. 20c., 1/2lb. 35c., lb. 65c.**

Thomas Laxton. Resembles the Gradus in size of pod, but darker color. **Pkt. 20c., 1/2lb. 35c., lb. 65c., 5 lbs. \$2.50.**

World's Record. Of Gradus type, but a little earlier. Plant light green, medium heavy. Pods single, medium green, pointed, broad, plump; contain 7-8 large tender peas of good quality. **Pkt. 20c., 1/2lb. 35c., lb. 65c., 5 lbs. \$2.50.**

Nott's Excelsior. An excellent dwarf wrinkled Pea, robust, vigorous. Peas and pods large. **Pkt. 20c., 1/2lb. 35c., lb. 65c., 5 lbs. \$2.50.**

Telephone (Alderman type). A very popular variety, height 3 1/2 ft. Pods 5 to 7 in. long containing 8 to 12 Peas of unequaled flavor. **Pkt. 20c., 1/2lb. 35c., lb. 65c., 5 lbs. \$2.50.**

Wando. 2 1/2 ft. Midseason semi-dwarf variety whose chief value is its ability to produce a good crop even in hot weather. Blunt dark green pods 2 1/2 to 3 in. long, well filled with Peas of good quality. **Pkt. 20c., 1/2lb. 40c., lb. 75c.**

Peppers

One ounce will produce
about 2000 plants

Sow the seed in March or April in a hotbed and transplant to open ground as soon as the weather is quite warm, in rows about 20 inches apart and 15 inches apart in the row. A warm, sandy loam is best.

Yolo Wonder. Improved California Wonder type, disease resistant and a dependable cropper. Plants are dwarf and spreading with pendant fruits easy to pick. **Pkt. 25c., 1/2oz. 65c., oz. \$1.25.**

California Wonder. Plant thrifty, upright fruits over a long period, in size 4 1/2 in. long and 3 1/2 to 4 in. through; extremely thick flesh. **Pkt. 20c., 1/2oz. 50c., oz. 95c., 1/4lb. \$2.75.**

Early Calwonder. An early variety of the California Wonder Type, excellent for northern climates. **Pkt. 20c., 1/2oz. 50c., oz. 95c., 1/4lb. \$2.85.**

Long Red Cayenne. Bright red, slender pods, very pungent. **Pkt. 15c., 1/2oz. 45c., oz. 85c., 1/4lb. \$2.50.**

World Beater. Wilt-resistant. A popular early, very large-fruited, thick-fleshed, mild-flavored sort. Fruit deep green, turning to deep crimson when mature. **Pkt. 15c., 1/2oz. 45c., oz. 85c., 1/4lb. \$2.50.**

King of the North. Fruit up to 8 in. long, flesh medium thick, crisp and sweet. **Pkt. 15c., 1/2oz. 50c., oz. 95c., 1/4lb. \$2.75.**

Large Cherry. Globe fruits 1 1/2 in. across. Hot and pungent. **Pkt. 15c., 1/2oz. 50c., oz. 95c.**



Pepper, California Wonder

PUMPKINS

Pumpkins are usually planted in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow first of May in hills 8 feet apart.

Yellow Sugar. Very sweet; an excellent table sort. **Pkt. 15c., oz. 25c., 1/4lb. 75c., lb. \$2.00.**

Connecticut Field. For feeding stock. **Oz. 25c., 1/4lb. 65c., lb. \$2.00.**

Hallowe'en (New). Just the right size for Hallowe'en Jack O'Lanterns. Has same fine eating qualities as yellow sugar. **Pkt. 15c., oz. 40c., 1/4lb. \$1.00.**

King of the Mammoth. Enormous size salmon-orange fruits; for exhibition or stock feeding. **Pkt. 15c., oz. 35c., 1/4lb. 80c.**

RADISHES

One ounce will sow
100 feet of drill

Champion. All-America Bronze Medal Winner. King-size edition of the popular and useful Cherry Belle. Ball shaped and about the size of a silver dollar. An all-purpose beautiful, crisp Radish. **Pkt. 25c., oz. 50c.**

Early Scarlet Globe. For forcing in greenhouses, hotbeds and coldframes or open ground sowing, this is one of the very best globe shaped, fine scarlet color, crisp, mild and tender. **Pkt. 15c., oz. 30c., 1/4lb. 65c.**

Round Black Spanish. A Winter variety. **Pkt. 15c., oz. 35c., 1/4lb. \$1.00.**

Iceicle. Long, white, rapid growing. **Pkt. 15c., oz. 25c., 1/4lb. 65c.**

French Breakfast. Olive-shaped, bright scarlet, white tipped. A favorite sort. **Pkt. 15c., oz. 25c., 1/4lb. 65c.**

Long Scarlet, Short Top. Long, smooth, crisp and tender. **Pkt. 15c., oz. 25c., 1/4lb. 60c.**

Rhubarb Roots

McDonald. A strong grower, stalks bright crimson. **50c. each, 6 for \$2.75.**



Pumpkin, Hallowe'en

Cherry Belle. The roundest little globes of them all, and red as a cherry. Flesh white, crisp and firm. Highly resistant to pithiness. Very desirable for home or market. **Pkt. 20c., 1/2oz. 30c., oz. 50c.**

Sparkler. Small and round, deep scarlet skin and crisp white flesh. White tip. **Pkt. 15c., oz. 25c., 1/4lb. 65c.**

ROQUETTE

Grown for greens, forms rosette of numerous oblong leaves of a mildly pungent odor. **Pkt. 15c., 1/2oz. 30c., oz. 50c.**



Radish, Early Scarlet Globe

SPINACH

One ounce to 100
feet of drill

For Summer use sow early in March in drills 15 inches apart, and for succession at intervals of a fortnight. For Winter use, sow late in August. The soil should be heavily manured and deeply trenched.

Bloomsdale. Savoy-leaved, very early and one of the best for Fall or early Spring planting; leaves dark green, medium size and crumpled, much like the Savoy Cabbage. **Pkt. 15c., oz. 25c., 1/4lb. 50c., lb. \$1.50.**

America. A true savoy Spinach, leaves large dark green and glossy, long-standing qualities. **Pkt. 15c., oz. 30c., 1/4lb. 75c.**

New Zealand. Entirely distinct variety, produces a large quantity of leaves; for Summer use. Sow early in Spring. When cut, branches out and makes new growth, producing until frost. **Pkt. 15c., oz. 30c., 1/4lb. \$1.00.**

SQUASH

Bush sorts, one ounce to 50 hills; 6 pounds per acre
Running sorts, one ounce to 16 hills, 4 pounds per acre

The Squash is a very tender vegetable, sensitive to cold, and cannot in our climate be planted before the middle of May. Plant in rich soil, in hills prepared similar to those for Cucumbers. All sorts, thinned to not over three plants to a hill.

Black Beauty. All-America Bronze Medal Winner. An extra-early form of black Zucchini. Fruits very uniform. Its chief advantage is high productivity over a long bearing season. **Pkt. 25c., oz. 50c.**

Buttercup. Outstanding Winter Squash. Fruit is turban-shaped, 6 to 8 in. in diameter. Flesh deep yellow and fine grained. **Pkt. 15c., oz. 45c., 1/4lb. \$1.50.**

Butternut. Becoming more popular each year. Flesh is deep yellow, dry, sweet and excellent flavor. There is no seed cavity in the neck. A vigorous grower and very productive; can be used boiled, baked and in pies. **Pkt. 20c., 1/2oz. 35c., oz. 65c., 1/4lb. \$1.75.**

Yankee Hybrid. A rather new introduction. The earliest and most productive Summer Squash. Size and shape similar to Early Prolific Straightneck. **Pkt. 25c., 1/2oz. 50c., oz. 95c.**

Early Prolific Straightneck (New). Plants small and compact; fruit lemon-yellow in color and smooth. Very prolific. **Pkt. 20c., oz. 40c., 1/4lb. 90c.**

Golden Summer Crookneck. Golden yellow fruit, early and prolific. **Pkt. 15c., oz. 40c., 1/4lb. 85c.**

Rhode Island Butternut. Developed by the Dept. of Horticulture, University of Rhode Island. A meatier strain of the famous Butternut Squash. Noted for its thick, solid neck and small seed cavity. Fine texture and excellent flavor. **Pkt. 25c., 1/2oz. 45c., oz. 75c.**

Des Moines (Table Queen). Acorn-shaped fruit, distinctly ribbed skin; flesh light yellow and bakes well. **Pkt. 15c., oz. 35c., 1/4lb. \$1.00.**

Hubbard. The standard Winter Squash. **Pkt. 15c., oz. 40c., 1/4lb. \$1.00.**

Blue Hubbard. (Special.) Bluish green skin; golden orange flesh; very dry and excellent keeper. **Pkt. 20c., oz. 40c., 1/4lb. \$1.25.**

Cocozelle, Italian Vegetable Marrow. Mottled dark and light green, 12 to 20 in. long. **Pkt. 15c., oz. 35c., 1/4lb. \$1.00.**

Zucchini. A Cocozelle type, fruit 13 to 14 in. long, dark green skin, thick meat. **Pkt. 20c., oz. 40c., 1/4lb. 85c.**

Caserta (New). An extra early Cocozelle Squash. Plants erect and runnerless. Very prolific, 30 fruits to a plant not unusual. **Pkt. 20c., 1/2oz. 30c., oz. 50c., 1/4lb. \$1.75.**

Uconn. Gold Medal Winner. A true bush form of the Table Queen type. Early fruit can be used as a Summer Squash, and the end-of-season surplus stored for Winter. **Pkt. 15c., 1/2oz. 30c., oz. 50c.**



Rhode Island Butternut

TOMATOES

One ounce will produce
about 2000 plants

The seed should be sown in a hotbed about the first week in March, in drills 5 inches apart and half an inch deep. When the plants are about 2 inches high set out in flats 2 inches apart or transplant to hotbed, or pot singly. If transplanted a second time will be stocky and branching. When the weather has become mild, transplant into warm, light, rich soil, 4 feet apart.



Tomato, Marglobe

Rutgers. Developed at the New Jersey Agricultural Experiment Station. Medium size fruit, similar to Marglobe in shape, but more flattened at the stem end. Color a fine red. **Pkt. 20c., 1/2oz. 45c., oz. 85c.**

Queens. New, large-fruited midseason variety. Produces a heavy crop of smooth, deep fruit a week earlier than Rutgers. Excellent for canning and slicing. **Pkt. 25c., 1/2oz. 60c., oz. \$1.00.**

Burpee Hybrid. An all-purpose, main crop true first generation Hybrid Tomato, outstanding for quality and fine flavor. Fruits medium to large, firm, thick walled, globular in shape, scarlet red in color. **Pkt. 50c.**

Wonder Boy. Extra large fruit, a pound or more in weight. Excellent flavor and quality. **Pkt. 50c., 1/16oz. \$2.50, 1/8oz. \$4.50.**

Trellis No. 22. A fine new forcing strain from the Waltham Experiment Station for staking; very uniform and solid. **Pkt. 25c., 1/2oz. \$1.10, oz. \$2.00.**

Bonny Best. Almost as early as John Baer. Smooth, uniform fruit, bearing well until frost. **Pkt. 15c., 1/2oz. 50c., oz. 90c., 1/4lb. \$2.50.**

Fireball. Fine early variety for northern sections. Medium-sized fruit, round and solid. **Pkt. 25c., 1/2oz. 65c., oz. \$1.00.**

Stone. A remarkable main crop variety; robust, solid and very little seed capacity; very productive; quality unexcelled. **Pkt. 15c., 1/2oz. 40c., oz. 75c., 1/4lb. \$2.50.**

Ponderosa. Purplish crimson. Extra large fruit. **Pkt. 25c., 1/2oz. 60c., oz. \$1.00.**

Marglobe. One of the best, all purpose varieties. Globe shape, free from wilt, nail head rust; uniform, deep scarlet, smooth and solid. **Pkt. 20c., oz. 95c., 1/4lb. \$2.50.**

Oxheart. Late, large fruited variety, distinct in appearance and is oxheart shape. Mild, acid and pleasing flavor. **Pkt. 20c., 1/2oz. 65c., oz. \$1.25.**

Glamour. Excellent for home gardens and market. Fruits are large, smooth, globe-shaped and crack-resistant. **Pkt. 25c., 1/2oz. 60c., oz. \$1.00.**

Valiant (New.) Large, very early fruit. Rapidly becoming one of the most popular early Tomatoes both for market and home use. **Pkt. 15c., 1/2oz. 45c., oz. 85c.**

Sunray (New.) Superior to Golden Jubilee, very sweet and mild. Resistant to fusarium wilt. **Pkt. 25c., 1/4oz. 50c.**

Summer Sunrise. (60 days.) Developed by the Dept. of Horticulture, University of Rhode Island. The result of several years of selection and inbreeding. Fruits are slightly flattened globe shape and weigh from 5 to 8 ounces. They are smooth, with small cavity and blossom scars. The color is a uniform bright red. **Pkt. 25c., 1/4oz. 75c., 1/2oz. \$1.25, oz. \$2.00, 1/4lb. \$7.00.**

HYBRID TOMATOES

Burpee's Big Boy. (78 days.) Well grown fruit average 10 ozs. with some weighing 1 lb. or more. Fruit smooth, firm with bright red, meaty flesh. **Pkt. 50c.**

Big Early Hybrid. (62 days.) A prolific main crop, all-purpose Tomato. Fruits large, about 8 ozs., bright scarlet, smooth, with firm, meaty flesh. **Pkt. 75c.**

TURNIPS

One ounce will sow 150 feet of drill; one pound per acre in drills, 2 to 3 pounds broadcast

For Summer use, sow early in the Spring in drills and thin out to 8 inches. For Fall and Winter, sow from July to September. Rutabagas should be sown in June or early in July, in drills 18 inches apart; thin out when large enough; 6 to 9 inches apart in drill, according to size.

Purple Top White Globe. Large, round, white root with clearly defined purple top; a fine, mild flavored Turnip for market and home use. Grows quickly and is a good keeper. **Pkt. 15c., oz. 25c., 1/4lb. 50c., lb. \$1.50.**

Macomber. A white rock variety, with green shade at neck; a favorite with growers. An excellent keeper. **Pkt. 15c., oz. 35c., 1/4lb. 75c., lb. \$2.00.**

Just Right. *Silver Medal Winner.* A new F₁ Hybrid. It has heavy cut foliage, and when developed the roots are white and smooth, about 5 to 6 in. across and 3 1/2 in. thick. **Pkt. 35c.**

Improved American (Rutabaga). Yellow flesh, excellent quality. **Pkt. 15c., oz. 35c., 1/4lb. 60c., lb. \$1.50.**

Shogoin. A foliage variety producing an abundance of leaves for greens and reproduces when cut. Free of insects; roots sweet and tender. **Pkt. 15c., oz. 25c., 1/4lb. 60c.**

HERBS CULINARY—AROMATIC MEDICINAL

- A—Annual B—Biennial P—Perennial
A—**Anise.** Seeds flavor candy and pastries. **Pkt. 15c.**
A—**Basil, Sweet.** Large leaf, leaves used for seasoning soups. **Pkt. 15c., 1/2oz. 30c., oz. 50c.**
A—**Borage.** Used mostly in salads, also for seasoning. Excellent bee plant. **Pkt. 15c.**
P—**Burnet.** Leaves used in salads, Cucumber flavor. **Pkt. 15c.**
B—**Caraway.** Seed used as seasoning in pastry. **Pkt. 15c.**
P—**Catnip.** Mint-like leaves relished by cats. **Pkt. 20c.**
A—**Coriander.** Seeds used in cooking, candy making. **Pkt. 15c.**
P—**Chives.** Onion family, delicate leaves used for flavoring. **Pkt. 20c.**
A—**Dill.** Used for pickles. **Pkt. 15c., oz. 35c., 1/4lb. 75c.**

- A—**Florence Fennel.** Used as a vegetable, either raw or cooked. **Pkt. 15c., oz. 35c.**
P—**Lavender.** Violet-blue flowers, used for perfumes. **Pkt. 25c.**
A—**Oregano.** For flavoring salads, etc. **Pkt. 15c.**
P—**Rosemary.** Leaves used for seasoning. **Pkt. 20c.**
A—**Sweet Marjoram.** The tender leaves are used for seasoning, dressings and soups. **Pkt. 20c.**
P—**Sage.** Stems and leaves used for flavoring. **Pkt. 20c.**
A—**Savory, Summer.** Stems and leaves used for flavoring. **Pkt. 20c.**
P—**Sorrel.** A favorite for salads. **Pkt. 15c.**
P—**Spearmint.** Used in salads, sauces, juleps. **Pkt. 25c.**
P—**Thyme.** For seasoning and medicinal use. **Pkt. 20c.**

TOMATOES

SMALL-FRUITED

Red Plum Yellow Pear
Yellow Plum Red Cherry
Red Pear Golden Husk

Above: Pkt. 20c., 1/4oz. 35c.

SAN MARZANO

Italian large plum

Pkt. 25c., 1/2 oz. 65c., oz. \$1.25

TUBEROUS BEGONIAS

Begonias are indispensable for shady places in the garden or lawn, also desirable for pots or piazza boxes. Start in the house in March or April and remove to the open ground as soon as danger of frost is past. They will bloom freely from July until cut down by the frost. Dry tubers may also be planted in the open ground in May. Care should be taken to keep constantly moist.

DOUBLE CAMELLIA-FLOWERED

Without rival in the world of flowers; 8 exquisite colors.

LARGE BULBS, 2 in. up.

Scarlet	Copper	Yellow
White	Salmon	Orange
	Rose	
	Dark Red	

Each 40c., 3 for \$1.15, doz. \$4.00



Tuberous Begonia, Double Camellia-Flowered

BEGONIA, PICOTEE

A Camellia-type with the edges of the petals in a different shade of color. Available in a mixture of pastel shades.

Each 60c., doz. \$6.00

HANGING BASKET BEGONIAS

Pendula or Lloydii Type

Excellent for hanging baskets, window boxes, urns, and those shady nooks in the rock garden. Available in five colors.

Yellow	White	Red	Rose	Apricot
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Each 60c., 3 for \$1.75, doz. \$6.00

BEGONIAS, CARNATION-FLOWERED

This variety produces large double flowers resembling carnations in form. The petals are frilled with serrated edges.

Mixed Colors. Each 60c., doz. \$6.00

BEGONIAS, CRISPA or SINGLE FRILLED

Large, profusely frilled and ruffled single flowers. Superior to the old-fashioned single variety.

Mixed Colors. Each 50c., doz. \$5.00

BELGIAN BEGONIAS

DOUBLE CAMELLIA-FLOWERED. Large bulbs, 2 inches up. **Crimson Scarlet White Orange Copper Yellow Rose Salmon**

Each 40c., 3 for \$1.15, doz. \$4.00

Cannas, Large-Flowering

King Humbert. Bright orange-scarlet flowers of immense size. Bronze foliage. 4 ft. Each 20c., doz. \$2.00.

Hungaria. The best large rosy pink. Green foliage. 4 ft. Each 20c., doz. \$2.00.

President. Superior to all other red varieties in quality and quantity of bloom. Large trusses of glowing scarlet flowers. Green foliage. 4 ft. Each 20c., doz. \$2.00.

Richard Wallace. As vigorous as King Humbert, with bright yellow blooms. Green foliage. 4 ft. Each 20c., doz. \$2.00.

Lilies

Regale (Myriophyllum). White, fragrant flowers shaded pink outside, lower inner surface primrose-yellow. Hardy, 3 to 5 ft. high. **Jumbo Bulbs.** Each 75c., doz. \$7.50.

Speciosum. One of our greatest favorites. Color a rich carmine on white ground, with crimson spots. Each 65c., doz. \$7.50.

Henryi. Flowers a rich, deep orange-yellow. Often called the Yellow Speciosum. Each 50c., doz. \$5.00.

Umbellatum. Very easy to grow. Flowers light orange-red. Blooms in June. Each 50c., doz. \$5.00.

Tigridia

(Mexican Shellflower)

Exotic blooms in yellow, orange, rose and scarlet, with unique center blotch. Flowers in August and September. Height about 2 feet. **Mixed Colors. Doz. \$1.25.**

Montbretia

Graceful spikes of flowers that resemble miniature Gladiolus, in shades of salmon, yellow, orange and scarlet.

Mixed Colors. Doz. \$1.00.

Oxalis

(Showy Border or Pot Plants)

Deppel. Three-leaf Clover-like foliage with white flowers.

Lasiandra. Like the above with pink flowers.

Both Varieties: Doz. 50c., 100 for \$3.50

Tuberose

In this latitude May 1 is ample time to plant in the open ground, but the bulbs can be started in pots much earlier if desired. Select a warm soil and a sunny spot. The soil should be rich, but no special preparation is necessary. Place bulb so the top will be covered about 1 inch with soil.

Dwarf Excelsior Pearl. Double flowering. **Doz. \$2.50.**

Acidantha Murielae

Foliage and growth similar to Gladiolus. Fragrant cream-white flowers with a plum-purple blotch at the base of each petal. Culture same as that of Gladiolus. **Doz. \$1.50.**

Ismene Calathina

(Peruvian Daffodil)

A grand Summer-flowering bulb with large, Amaryllis-like, pure white, fragrant blossoms.

Jumbo Bulbs: Each 65c., doz. \$7.00.

Pino's Superior Gladiolus

NEW ENGLAND GROWN

CLEAN, WELL GRADED TOP SIZE BULBS

Black Phantom. Smooth black-red.
Blue Beauty. Excellent medium blue.
Burma. Deep rose, a leading show winner.
Dark David. Robust-growing dark red.
Dee Twelve. A most brilliant shade of red.
Elizabeth the Queen. Outstanding light lavender.
Florence Nightingale. The finest white for all purposes.
General Eisenhower. Deep salmon-rose, fine home garden Glad.
Hans Van Meegan. A true buttercup-yellow.
Picardy. Very popular salmon-pink.
Presto. Snow-white with deep red throat.
Prof. Goudriaan. Outstanding creamy white.
Spic and Span. Ruffled deep pink, straight sturdy spikes.
Salamanca. Attractive grayish smoky buff.
The Rajah. The best all-round purple.
Yellow Herald. Ruffled yellow with carmine throat.

Each of the above varieties:

3 bulbs 35c. Doz. \$1.25 100 for \$7.50

PINO'S GLADIOLUS MIXTURE

This mixture will please the most discriminating gardener. All bulbs strictly top size and large flowering.

Doz. 80c., 100 for \$6.00, 1000 for \$50.00

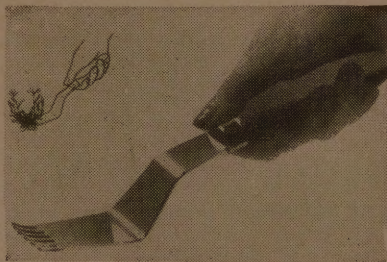


NO-BLIST'R TROWEL

NO-BLIST'R has scientific balance design that makes it a perfect garden tool. Curved handle with special velvet grip fits to the contour of the hand and prevents friction blisters. \$1.39.

CRAB-JACK

The sure way to eliminate crab-grass, plantain and dandelion. Just insert in root crown and press down. 89c.



Rigid Cultivator

A garden tool designed for hard work. Strong 36-inch handle. \$2.50.



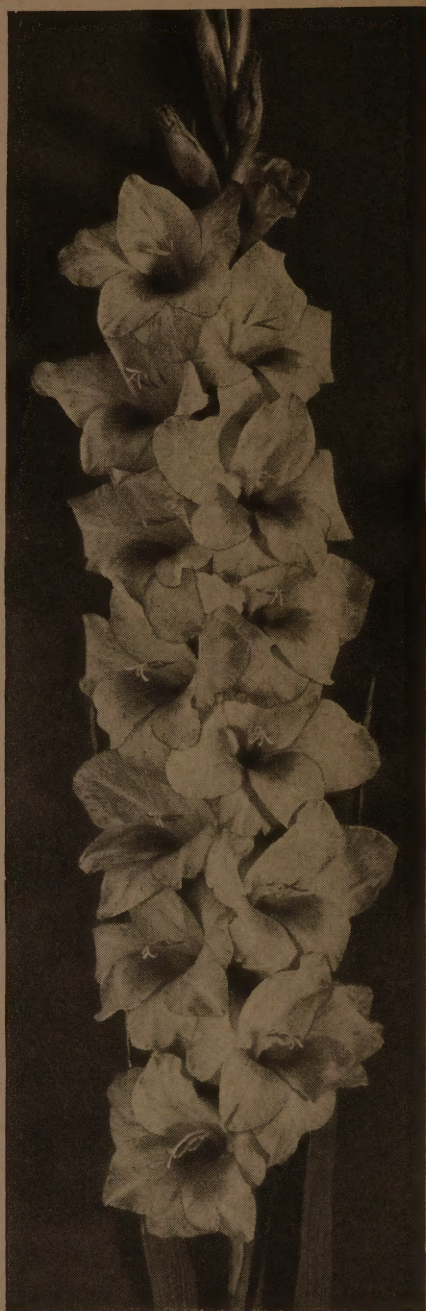
BULB PLANTER →

A dandy little tool for planting "Glads." Tapering cup-like point removes soil and leaves a perfect hole to set bulb in. \$1.00.



NEEGARDS

For "Down to Earth" Gardeners. An absolute necessity for men and women who like to do gardening on their knees. Made of soft sponge rubber with adjustable straps. \$2.50 per pair.



Picardy

Arasan. For better stands and bigger yields use Arasan for vegetable, grass and legume seeds. **1-oz. pkt. 60c.**

Ammate Weed Killer. For poison ivy, poison oak, etc. Can be applied with sprinkling can or sprayer or as a dry application. **2 lbs. \$1.35, 6 lbs. \$3.50.**

Ceresan (New Improved). Highly effective as a dip treatment for control of bulb rots of Gladiolus. **Lb. can \$1.95.**

Fermate. Outstanding fungicide for Roses and other flowers. Controls black rot on grapes. **9-oz. can \$1.25.**

Floral Dust. A product so safe it can be used on tenderest blooms for prevention of attack by insects and diseases. Contains methoxychlor, fermate, sulphur and rotenone. **8-oz. Squeeze Duster \$1.19, lb. can \$1.35.**

Multi-Purpose Insecticide. 25% Methoxychlor, 25% Malathion. Kills most insects. **4 ozs. \$1.25.**

Fruit Tree Spray. Helps grow better fruits and berries. By following a simple spray schedule, the home gardener can produce good fruit. Easy to use. Simple spray schedule on the package. **Lb. \$1.25, 3 lbs. \$2.95.**

Manzate. For control of black spot on roses, blights and other diseases of tomatoes. **5½-oz. jar \$1.50.**

Methoxychlor (50%). Controls many insects. Long-lasting insecticide and offers exceptional safety. **12-oz. can \$1.85.**

Rose Insecticide and Fungicide. One complete formula, all that is needed to grow beautiful Roses. Use as a dust or spray. **8-oz. Squeeze Duster \$1.49, lb. can \$1.69.**

KOROSEAL GARDEN HOSE

So light a child can carry it. At least a third lighter in weight than ordinary rubber hose, yet carries more water. This easy-to-use Koroseal Hose is made by B. F. Goodrich. In normal service it will not swell, warp, buckle, or crack. New nickel-plated reattachable coupling that will fit any standard hose connection.

Green 25 ft. \$5.95, 50 ft. \$9.95, 75 ft. \$13.95.

**Soft Spray Your Loveliest Flowers
With the New**

FOGG-IT NOZZLE

Its fine, fog-like spray will not injure the most delicate Tuberous Begonias, Fuchsias, or Orchids.

\$1.95

ANTROL PUSH BUTTON BOMBS



DOG REPELLENT. Guaranteed to keep dogs, cats away from shrubs, trees, auto tires, etc. Handy push-button spray harmless to vegetation. **\$1.49.**

ROSE SPRAY. Original bomb for outdoor use. Protects Roses, Gladioli, etc. Kills Aphids, Japanese Beetles, Mites, Thrips, Leafhoppers. Full 12 oz. **\$1.59.**

ANT BOMB. Quick, handy way to control ants, roaches, other insects. For indoor and outdoor use. Leaves long-lasting residual deposit of Lindane. **\$1.19.**

AFRICAN VIOLET SPRAY. Specifically for indoor use! Protects African Violets and other delicate house plants from tiny, life-sucking parasites. Kills Mealy Bugs, Mites, etc. **89c.**



Semesan. For flower and vegetable seeds and bulbs. Dry treatment helps promote increased emergence, sturdy growth and larger yields. **4-oz. can \$2.50.**

Spreader Sticker. Makes sprays stick tighter to foliage. Makes insecticides and weed killers more effective. **1-oz. can 59c.**

Tomato Dust. Specially formulated for Tomato growers. A combination insecticide and fungicide. Controls most insects, early and late blights. **8-oz. Squeeze Duster \$1.10, 2-lb. bag \$1.49.**

Vegetable Garden Dust. Safe and effective formulation for all vegetables. Controls sucking and chewing insects as well as diseases. **Lb. can \$1.35.**

DU PONT'S NEW AEROSOLS

ROSE SPRAY-DUSTER. An easy to use aerosol that sprays a liquid insecticide and a dry fungicidal dust. Safe on other outdoor plants and ornamentals. Controls both diseases and insects. **\$1.98.**

TREE WOUND DRESSING. Protection after pruning. **12 ozs. \$1.89.**

DU PONT SPRAYER

This new sprayer handles every gardening job. Attaches to garden hose. Sprayer features three easy-to-change nozzles. Designed to use all Du Pont liquid and wettable chemicals. **\$6.95.**



NEW SUPPLEX SPRINKLER

Triple tube plastic hose sprinkler provides gentle, evenly distributed rainfall over a rectangular area. Always lies flat and sprays upward only, and provides perfectly even coverage along its entire length. Will not rust, mildew or rot. Does better watering in less time.

25 ft. length, **\$3.98**

50 ft. length, **\$5.98**



NO-SEE GRASS BARRIER

Ends trimming and edging—maintains lawn edges perfectly. Galvanized steel sections 2 feet by 4 inches join together for any length, bend easily around corners or to any desired curve. Package of 40 feet, **\$4.98.**

FERTILIZERS

Prices subject to change
without notice



HUBBARD-HALL HH PLANT FOOD

Formerly Called Gro-Fast Plant Food
(5-10-5)

A general purpose fertilizer for garden, lawn or greenhouse work. The high organic nitrogen content (50%) makes it a long lasting source of plant food. Also contains minor element plant foods. Odorless and clean to handle. Can be spread by hand or fertilizer spreader.

2 lbs.	\$0.35	25 lbs.	\$2.15
5 lbs.	.75	50 lbs.	3.50
10 lbs.	1.25	100 lbs. (2-50 lb. bags) . . .	6.75

HH TURF and TREE FOOD with DU PONT'S URAMITE

10-6-4

The remarkable nitrogen fertilizer compound that releases turf nutrients all Summer long. This superior turf food is made by Hubbard-Hall, using a formula developed by du Pont engineers. 50 lbs. covers 5000 sq. ft. \$4.75.

HH NITROGENIC FERTILIZER

5-4-0 (Nitrogen Content 100% Organic)

80 lbs. \$4.75

HH ROSE FOOD

60% Organic Nitrogen

An excellent Rose Food to promote luxuriant healthy foliage and an abundance of blooms.

5 lbs.	\$0.89	25 lbs.	\$2.75
50 lbs.		100 lbs.	\$4.50

HH EVERGREEN FERTILIZER

60% Organic Nitrogen

Highly recommended for Azaleas, Camellias, Rhododendrons, Gardenias, Blueberries, etc. Safe and easy to use.

5 lbs.	\$0.89	25 lbs.	\$2.50
50 lbs.		100 lbs.	\$4.00

HH PURE GROUND BONEMEAL

This finely pulverized ground bone is excellent for Rose culture, top dressing for lawns and for potted plants.

2 lbs.	\$0.40	25 lbs.	\$2.85
5 lbs.	.85	50 lbs.	4.95
10 lbs.	1.50		

HH GRO-MOR

5-10-10

A general purpose fertilizer for gardens, with a high potash content. 50 lbs. \$3.25.

BACCTO (MICHIGAN) PEAT

A rich brown spongy peat. Excellent for top dressing lawns, flower and vegetable gardens, roses, shrubs and trees.

10 lbs.	\$0.98	50 lbs.	\$2.29
25 lbs.	1.59	100 lbs.	3.98



HYPONEX

Hyponex is extremely valuable for growing plants in the house. Hyponex provides all the food required. And it is simple to mix this clean, odorless powder with the water you give your plants so that you know they are properly fed.

2-oz. can.	\$0.29	2 lbs.	\$2.45
5-oz. can.	.59	5 lbs.	4.95
10-oz. can.	1.00	10-lb. drum.	9.00

HY-TROUS

A true balanced fertilizer in liquid form. It is not just a "starter" or "invigorator," but a complete fertilizer designed to promote sturdy and healthy growth in all forms of plant life—from the smallest annual to the largest tree.

3-oz. bottle.	\$0.25	16 oz.	\$0.99
8 oz.	.59	32 oz.	1.79
Gallon			\$5.95

G & O TOMATO FOOD

3-12-13

Prepared especially for tomatoes. High in phosphorus and potash.

2 lbs.	\$0.59	5 lbs.	\$0.98
10 lbs.			\$1.59

G & O RHODO-AZALEA FOOD

3-20-3 "Highest Acid Food"

Excellent for rhododendron, azalea, holly, laurel, dogwood and blueberries. 2 lbs. 59c., 5 lbs. 98c., 10 lbs. \$1.59, 25 lbs. \$3.25

BOVUNG (Cow Manure)

IDEAL FOR FLOWERS, LAWNS, VEGETABLES, SHRUBS, TREES

A complete all-organic fertilizer and soil conditioner—a plant food that is safe for the home gardener's use as well as the professional growers.

25 lbs.	\$1.80	50-lb. bag.	\$3.15
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HH ALUMINUM SULPHATE

For souring the soil where one wishes to grow Azaleas, Blueberries, Rhododendrons, etc. Growers use it for turning Hydrangeas blue.

5 lbs.	\$0.90	25 lbs.	\$2.00
50 lbs.			\$3.50

HH COW MANURE (Pulverized)

An ideal soil builder and mulch. When spread on lawns or gardens it works down into the soil, nourishing the roots for rapid, steady growth.

20-oz. pkg.	\$0.30	5 lbs.	\$0.79
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HH SHEEP MANURE

A standard dressing for lawns and gardens.

20-oz. pkg.	\$0.30	25 lbs.	\$1.80
5 lbs.	.79	50 lbs.	3.10

LIME, AGRICULTURAL

Prepared especially for lawns and gardens. Corrects acid condition of the soil. Tends to bind loose soil and to open heavy land.

38-oz.	\$0.29	50 lbs.	\$1.10
5 lbs.	.40	100 lbs. (2 bags)	2.00

GROUND LIMESTONE

High Magnesium

50 lbs.	\$1.00	Delivered.	\$1.25
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ADCO

The addition of Adco to vegetable refuse, grass clippings, leaves, etc., will produce a clean, odorless manure in 3 to 4 months. Circular upon request.

5 lbs.	\$1.89	20 lbs.	\$3.95
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ACTIVO

Converts leaves, grass clippings and non-woody vegetable matter into valuable fertilizer in 6 to 8 weeks.

No. 2 size treats	425 lbs. refuse.	\$1.39
No. 7 size treats	1400 lbs. refuse.	3.00

RA-PID-GRO

23-21-17

The approved formula for a liquid plant food, 1 pound makes 176 lbs. of liquid fertilizer. **Rapid-gro** is a miracle-working concentrated food that helps nature bring out the best in your flowers, fruits and vegetables, contains vitamins B₁ and B₂ and hormones.

1/2 lb.	\$0.75	2 lbs.	\$2.50
1 lb.	1.30	5 lbs.	4.75
10 lbs.			\$9.00



PEAT MOSS

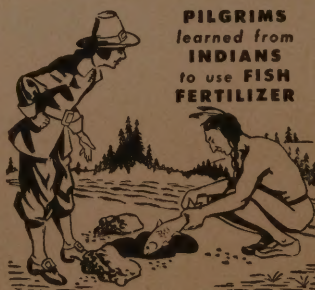
Provides in an economical, clean, weed-free, easily handled and efficient form the humus which every garden must have, and which it is seldom possible to get in the old form of stable manure. In the garden peat is most useful for mulching purposes, or for conditioning soil in which plants having special requirements are to be grown. As a mulch it is ideal.

1 lb. Package	\$0.39	50-lb. Bag.	\$4.00
25 lbs.	2.50	Jumbo Bale.	5.50

ATLAS FERTILIZER EMULSION

PILGRIMS
learned from
INDIANS
to use FISH
FERTILIZER

America's
First Fertilizer



You get even better results with flowers, gardens, trees, shrubs, lawns, potted plants—by using this rich, complete organic plant food, made from ocean fish. Highly concentrated liquid—just dilute with water.

4 ozs.	\$0.39
Pint.	1.00
Quart.	1.90
Gallon.	6.25

BIRD HOUSES



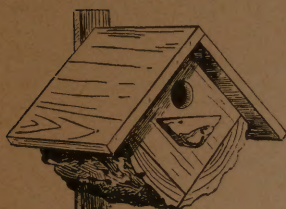
No. 12

Bluebirds will nest and rear their young in the home garden. To attract them, the house should be set in an open sunny spot—and preferably near a fruit tree.

NO. 12 BIRD HOUSE

This house is a favorite with Bluebirds. Of rustic hemlock and stained cypress. Has a flat back for mounting against tree trunk or pole. Roof removable. Size: 10 in.

No. 12.....\$3.45



No. 31

NO. 31 BIRD HOUSE

Invite the vivacious little wrens to your garden by erecting this home of cypress and rustic hemlock. It may easily be fastened to tree trunk, arbor, or building. Side removable for cleaning. Size: 8 inches.

No. 31.....\$3.00

We carry in stock at all times a complete line of Bird Houses and Feeders, and Wild Bird Food

WILD BIRD FOOD PRICES

Lb. 20c. 5lbs. 95c. 25lbs. \$4.25 50lbs. \$7.50 100lbs. \$14.00

Airwrap

Your favorite tree, shrub or flowering vine can be reproduced quickly and easily by the Airwrap process. Practical and easy to use on branches of trees and shrubs, for rooting cuttings for African Violets, etc. Kit contains 8 hormone treated plastic "Airwraps" 16 ties, moss and complete instructions. \$2.25.



Ross Root Feeder and Irrigator

Places water and food directly to the roots of plants, etc.

\$6.95 with 1 doz. cartridges

CENTROSPRAY

Used by florist, amateur and professional gardeners. For spraying or dusting. Long curved tube reaches underside of leaves. \$1.50.



SPRAY BULB

An excellent water and powder sprayer for plants, animals, laundering and other objects, requiring speedy, efficient sprinkling or dusting.

4-oz. size.....\$0.60
8-oz. size.....1.25



NODAMPOFF SPHAGNUM MOSS

Sphagnum Moss is a sterile material containing antibiotic qualities. Fungi and bacteria cannot live in it. By sowing seed in a thin layer of this moss spread over the soil in the pot or flat, damping-off is prevented. Cuttings rooted in sphagnum are easily transported and transplanted without disturbing their roots. This moss is horticultural grade, milled ready for use. 5-qt. pkg. 98c., 2 bu. \$4.25.

TERRA-LITE (Vermiculite)

Plant aid for starting seeds, rooting cuttings and storing bulbs, helps preventing damping-off.

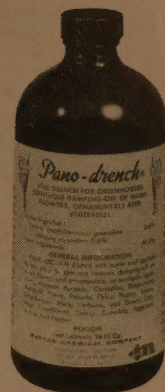
4 qts.....\$0.50 1/2 bu.....\$1.00
4 bu.....\$2.95

Protect seedlings
from damping-off!

Pano-drench

Discover how many seeds there really are in a packet . . . then make sure all the seedlings reach transplanting age—by using Pano-drench. Pano-drench prevents and controls damping-off, the disease that permits plants to grow to two-inch height, then kills them overnight. One teaspoon, diluted in 6 quarts of water, treats three large flats. Applied like plant food, Pano-drench protection lasts for weeks. Apply either before or after planting. Use also as root dip when transplanting.

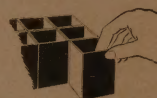
1-oz. bottle.....\$1.95
4-oz. bottle.....5.95



Plant Bands

VITA-BAND. Designed for all-round use, especially for long growing periods. Treated with nutrients to assure vigorous, well balanced growth. A heavy, sturdy plant band.

	Doz.	100	1000
2x2x2 1/2 in.....	\$0.12	\$0.75	\$6.25
2 1/2x2 1/2x3 in.....	.15	.85	7.50
3x3x3 in.....	.18	.90	7.75



BIRD PEAT POTS

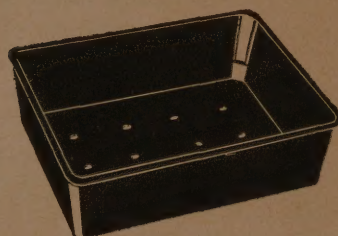
Bird square Peat Pots are extra strong and nutrient treated. They have a rugged rim at top for greater strength. Pots have drainage hole in bottom for better moisture control.

	Doz.	100
2 1/4 in. square.....	\$0.25	\$1.50
3 in. square.....	.40	3.00
4 in. round.....	.75	5.00

PLASTIC
FLATS

Seed or Plant Trays

Molded from durable plastic. They have the strength and rigidity of wood, yet are much lighter. Drainage hole in bottom provides proper moisture control. Size: 8 1/2 x 7 in. Each 20c., doz. \$2.25, \$15.00 per 100.



Fertl-Cubes

You are sure of success when you sow seed in FERTL-CUBES. Made of organic plant food and vermiculite pressed into 1-inch cubes. 20 cubes in a block, each with a hole to sow a seed in. Roots grow into and through the cube, feed continuously on the rich, organic food. Transplanting is no longer a hit or miss process with Fertl-Cubes! Success is assured in advance, because each plant develops individually, can be moved easily—roots and all—without shock and without disturbing the growing process in the slightest. Plants of all types thrive, bear sooner, blossom sooner. Gardens produce more luxuriantly than ever before! 20 cubes \$1.00, 120 cubes \$4.95.

ROSEWARE FLATS
WITH REMOVABLE INSERTS

Each flat will hold 24 2 1/2-in. Peat or Plastic pots. Made of tough plastic. Light weight for easy handling. Tray complete with 24 pots. \$2.75.



AMMATE WEED KILLER (Ammonium Sulfamate). Outstanding results have been obtained in the permanent kill of certain weeds and in the control of others. Poison ivy, poison oak and poison sumac are particularly dangerous to many individuals. Ammate will generally eliminate such plants. **2 lbs. \$1.35, 6 lbs. \$3.50.**



ANTROL ANT TRAPS. Quickly destroys all species of sweet eating ants. For home or garden use. **3 for 49c.**

ANT-DUST. A dust for ants. A special blended dusting insecticide containing chlordane, a highly efficient toxicant controlling ants in lawns, cemeteries, golf courses. Also for grasshoppers, chiggers, chinch bugs, and many other turf pest. Contains 10% Chlordane. **6-oz. can 49c., 1 lb. 69c., 4 lbs. \$1.95.**

ARSENATE OF LEAD (Dry). Market Price.

BERRY-SET. Makes strawberries grow bigger, larger yields, better tasting. For blackberries, raspberries, too. **1/2 oz. size 25c.**

"BLACK LEAF 40" (Nicotine Sulphate). For destroying aphids, thrips, etc. without injuring the foliage. **2-oz. bottle \$1.19, 6-oz. bottle \$2.39, 12-oz. bottle \$3.49.**

BLOSSOM-SET. Hormone spray for setting tomatoes. Stops blossom drop, make blossoms set fruit. Tomatoes ripen weeks earlier. More, larger tastier fruit. **4 oz. size 75c.**

BORERKIL. When used as directed, it effectively controls borers in trees, shrubs and flowers. Complete with applicator. **\$1.00.**

BONCOP. Rotenone-copper, triple action dust. Kills and repels insects, controls fungi growths, wilt and blight, stimulates plant growth. **1 lb. can 89c., 4 lb. bag \$2.50.**

BONTOX. The all-purpose insecticide and fungicide dust, containing Rotenone, DDT, Methyl Naphthalene, plant stimulant, neutral copper and diluent. **Lb. 98c., 4 lbs. \$2.85.**

BORDEAUX MIXTURE (Dry Powder). For all fungoid diseases, such as mildew and various rots of Grapes, etc. Market price.

CAPTAN. 50% wettable. Controls black spot on roses, mildew on begonias and many diseases on fruit trees. **1/2 lb. \$1.39, 1 lb. \$2.19.**

CHICK-NOT. When used as directed kills chickweed in 3 to 5 days, without killing lawn grasses. Just mix with water and spray. **4 ozs. (treats 1000 sq. ft.) \$1.00, 1 lb. (treats 4000 sq. ft.) \$2.00.**

CHLORDANE, 72%. For control of lawn insects and termite control. **6-oz. can \$1.60, pt. \$3.50, qt. \$5.00.**

CHLORDANE 5% DUST. A special micropulverized dust containing chlordane, highly recommended for household and garden use to control ants in homes and lawns, spiders, silverfish, etc. Cucumber beetles, Asparagus beetles and many other vegetable insects. **1 lb. 60c., 4 lbs. \$1.45.**

Crag. A new selective weed killer for use on strawberry, asparagus and perennial flower beds. Kills weed seeds as they sprout. **4-oz. can treats 3000 sq. ft. \$1.50.**

CROTOX CROW REPELLENT. Protects Corn from crows, blackbirds and pheasants, also protects seed from rotting in the ground. **1/2 pt. 75c., pt. \$1.25.**

DDT, 20% (DD-Ide) garden spray (emulsifiable). Controls insects on flowers, vegetables, trees, and shrubs. **8 ozs. 79c., pt. \$1.29, qt. \$1.98.**

DDT NEUDUST—5% DDT Dust or Spray. Controls flea beetle, thrip, corn ear worm and corn borer on vegetables and flowers. Used for protecting against thrip damage during bulb storage. **Lb. 65c., 4 lbs. \$1.35.**

DDT (NEUTOX)—50% DDT. Special combination of neutral micronized diluents and powerful wetting agents. Use wherever DDT is wanted, on shade trees, fruits, vegetables, tobacco. **Lb. 98c., 4 lbs. \$2.75.**

DIOWEED. New type weed killer. Contains high percentages of the new organic chemical 2,4 Dichlorophenoxy Acetic Acid. Kills all broad-leaf weeds. Harmless to grasses. No fire hazards. Non-poisonous. Does not sterilize the soil. **8 ozs. \$1.00, pt. \$1.75, qt. \$2.75.**

GARDANE. A 48% chlordane spray in liquid form for easy mixing with water. Use for ants, chinch bugs, Japanese beetles, etc. **6 ozs. \$1.25, pt. \$2.15, qt. \$3.25.**

GRAFTING WAX. 1/4 lb. 60c., 1/2 lb. 75c., 1 lb. \$1.00.

GREENTOX. Greentox contains Rotenone and other active principles of Derris and Cube, combined with fumigants and effective spreading agents in such a manner as to give effective control of an unusual variety of insects. **3 ozs. 75c., 6 ozs. \$1.25, 16 ozs. \$2.25.**

ISOTOX (IMPROVED). Contains Lindane, Malathion and DDT. Controls a wide range of insects. **4 ozs. \$1.19, 8 ozs. \$1.98.**

JAPONEX. Milky Disease Spore Powder. Kills grubs without poisoning soil or worms. Developed by U. S. Dept. of Agriculture after ten years' research. **8 ozs. treats 2000 sq. ft. \$4.95.**



JAPIDE. Japanese beetle spray powder. A high toxic insecticide for use on flowers, trees and shrubs to control Japanese beetles also leaf beetles. **6 ozs. 75c., 1 lb. \$1.65.**

KILBRUSH. 2-4-D and 2-4-5-T brush killer. Kills weeds and woody plants. **1/2 pt. \$1.25, pt. \$1.98, qt. \$3.39.**

K-R-O. Kills Rats Only, the original squill exterminator. Can be used with safety. **2-oz. can \$1.00, Bis-kits, small size 50c., large size \$1.25.**

LIME SULPHUR SPRAY. A dormant spray for peaches. For apples, spray regularly in Spring and early Summer. **Qt. 89c., gal. \$2.25.**

LINTOX (25% Lindane). A special formulated high toxic lindane in wettable form. Controls insects on crops and in the soil. **3 ozs. 90c.**

MAGIKIL JELLY ANT BAIT. Clean. Easy. Quick. Sure. Vastly superior to syrups and powders. Simply place small doses in infested areas. **Garden Tube, 1 oz. 40c.; Estate Tube, 3 oz. \$1.00.**

MALATHION 50% (Emulsion). A special Malathion spraying insecticide for control of red spider mites, aphids, leaf hoppers. **3 ozs. 95c., 6 ozs. \$1.89, pt. \$2.89, qt. \$4.39.**

MARLATE (50% Methoxychlor). Very effective against most garden and fruit tree insects, practically harmless to humans and warm blooded animals. **12 oz. pkg. \$1.85.**

RABBIT REPELLENT. Repels rabbits, deer, skunks, squirrels, etc. with safety to all, including the rabbits. A 5-lb. bag will treat up to 150 plants. **Lb. 69c., 5 lbs. \$2.00.**



RED ARROW GARDEN SPRAY. Highly concentrated, Pyrethrum-Rotenone-Soap Spray. Has excellent spreading and sticking qualities when mixed with water. Harmless to humans, birds and pets when sprayed. Kills many varieties of both sucking and chewing insects. **2 ozs. 89c., 4 ozs. \$1.50, pt. \$4.00.**

ROACHPAINT ROACH KILLER. An amazing new liquid that controls all species of roaches. Eradicates completely the most severe infestation within 4 days. Prevents reinfestation for 90 days. Applied with brush or spray. No unsightly residue. **Pt. 89c., qt. \$1.49.**

ROOTONE. The plant hormone powder. For cuttings, seeds and bulbs. **Small package 35c., 2-oz. jar \$1.25.**

ROOTONE #10. For hardwood cuttings. **2-oz. jar \$2.25.**

ROTENONE DUST (Stabilized). Used as a dust or spray. A general purpose dust for growers and gardeners. Kills by both contact and stomach action. **Lb. carton 65c., 4 lb. bag \$1.75.**

SCALECIDE. The best spray for San Jose scale. A mechanical preparation of petroleum oil that instantly mixes with cold water. **Pt. \$1.00, qt. \$2.00, gal. \$5.00.**

PARA-SCALECIDE. An effective control for tree borers. Widely used on peach trees. **8 ozs. \$1.00.**

TOMATOX. A special formula for Tomatoes, use as a spray or dust for insects, early and late blight control. Contains plant stimulant, wetting and adhesive agents. **Lb. 98c., 4 lbs. \$2.85.**

SEE PAGE 27 FOR COMPLETE LISTING OF DU PONT'S CHEMICALS.



MOLITE—The new, improved "Gas" type rodent destroyers—offering a more effective method of controlling moles, rats, gophers, field mice and other underground pests. Simply light the fuse and insert into the tunnels, holes or nests of the rodents. **Box of 6 for \$1.00.**

ROSETOX (Rose Spray or Dust). Complete (all in one) highly concentrated formula (1 lb. makes 27 gallons of spray). For exquisite Roses free from all insect and disease damage use Rosetox. Contains 5 new, modern action, tested chemicals. **6-oz. can 75c., 14-oz. duster \$1.29.**

DISOMAR (Crabgrass Killer). Kills crabgrass and chickweeds without injury to desirable grasses. It can be applied early or late in the season. $\frac{1}{2}$ pt. treats 2500 sq. ft. $\frac{1}{2}$ pt. \$1.25, pt. treats 5000 sq. ft., **pt. \$2.25, qt. treats 10,000 sq. ft., qt. \$3.95.**

SOILCLOR (50% Chlordane). Concentrated chlordane, powerful Japanese beetle larva killer. Kills wireworms, grasshoppers, ants and many other soil insects. Micronized wettable for spray or dust. $\frac{1}{2}$ lb. \$1.25, lb. can \$2.25, 4 lbs. \$6.50.

SULPHUR. Fine mike sulphur of extremely small particle size, goes farther and works quicker than mesh sulphur. Controls scab, scale, spider mites, red spiders, etc. **Lb. duster can 69c., 4 lb. bag \$1.75.**

TERSAN 75 (75% Thiuram). Highly concentrated, exceptionally safe and effective for prevention or control of large brown patch, dollar spot, and snow mold on golf courses, grass tennis courts, lawns and other fine turfs. **8-oz. can \$1.95.**

Labels

WOODEN POT AND GARDEN

	100	1000
4-in. Pot Labels, Painted	\$0.60	\$5.00
5-in. Pot Labels, Painted	.70	5.50
6-in. Pot Labels, Painted	.75	6.00
8-in. Garden Labels, Painted	1.50	12.00
10-in. Garden Labels, Painted	2.00	15.00
12-in. Garden Labels, Painted	2.75	25.00
3½-in. Copper Wired Tree Labels, Painted	.80	7.00

PERFECT GARDEN LABEL

The beautiful cool gray green color blends with the soil, foliage and rocks. An ordinary lead pencil is used for marking and previous markings can be easily erased.

These labels are economical because they are permanent.

Rock Garden Label. 4 in. long, 1¼ in. marking space: 12 labels \$1.25, 25 labels \$2.35, 100 labels \$8.70.



Tie-on Label. 3½ in. long, ¼ in. wide with copper wire. 100 labels in box. **\$4.25.**

Garden Pencils

Weatherproof; for marking plant labels. **15c. each.**

Jute Twine

For tying up plants. **Natural, ½-lb. ball .55c. Green, ½-lb. ball .55c.**

Fence Rods

Stiff, strong, green enameled rod to support one or two rows of wire, heavy twine or clothes line. **33 in. \$2.65 doz., 48 in. \$3.35 doz.**

Raffia

For tying up Grape vines, plants, etc. **Natural.....\$1.00 lb. Green..... 1.75 lb.**

Twist-Ems

"Twist-Ems" are strong tapes with wire reinforcing that makes perfect plant ties. No twine or raffia or shears needed. **8 in., 100 for 29c., 16 in., 100 for 57c., 250 ft. roll \$1.00.**



Fiber-glass Flower Boxes

Fiber glass, won't rot, rust, crack or peel.

18 in.....	\$2.39	30 in.....	\$3.15
24 in.....	2.75	36 in.....	3.60
Brackets.....			90c. Pr.

TREE TANGLEFOOT. A sticky material for banding trees, etc. Prevents all destructive climbing insects from reaching buds and foliage. **6-oz. tube 90c., lb. can \$1.50.**

TREE-TOX. Improved concentrated formula containing Captan, Malathion, DDT, and sulphur. Controls all insects and diseases. **14-oz. can (makes 17 gals.) \$1.29, 4-lb. bag \$3.95.**

TREEKOTE EMULSION. Applied cold to all types of tree grafting and tree injury. It meets every requirement of tree surgeons, and not only protects the wound from weather conditions but also from insects and fungi. $\frac{1}{2}$ pt. 65c., pt. 80c., **qt. \$1.00, gal. \$2.65.**

TRI-GEN

The all-purpose spray

This complete Rose Garden Spray Treatment—**Tri-ogen**—offers the first definite mildew and black spot control combined with an insecticide. It kills all insects, including the sucking and leaf-eating types. It remains on foliage, repelling subsequent attacks. **8 oz. (makes 6 gals. spray) \$1.50; pt. (makes 12 gals. spray) \$2.50; qt. (makes 24 gals. spray) \$4.50.**

TRI-GEN ROSE BOMB. At last a combination flower garden bomb. Kills insects, controls certain fungus diseases such as black spot on Roses. Use on both inside and outside plants. **Bomb \$1.50.**

TRI-GEN 3 WAY ROSE DUST. A balanced blend of chemicals which will control sucking and chewing insects as well as black spot, mildew and blights on Roses and other plants. **12-oz. duster can \$1.25., 1-lb. can \$1.50.**

WEED KILLER. Weeds, poison ivy and all vegetation are easily destroyed. Simply mix with water and apply with sprinkling can. **Qt. \$1.00, gal. \$3.00.**

WEEDONE (New Improved). Contains the powerful 2-4-D and 2-4-5-T for killing lawn weeds, poison ivy and many other weeds and woody plants. **8-oz. can \$1.00, qt. \$2.75, gal. \$6.75.**

Sudbury Liquid Chaperone



Dogs stay away from anything sprayed with **SUDBURY LIQUID CHAPERONE**. You don't smell it—dogs do and stay away. Protects shrubs, trees, flowers, vegetables, garbage pails, etc. Harmless, does not show, also effective with cats, other animals.

Large 14-oz. Aerosol \$1.59.

Plant Stakes

PLANT STAKES—PAINTED GREEN ROUND

	Doz.	100
1½ ft.....	\$0.40	\$3.25
2 ft.....	.55	4.00
2½ ft.....	.75	5.00
3 ft.....	1.35	10.50
4 ft.....	2.00	17.00
5 ft.....	2.50	20.00
6 ft.....	4.50	35.00

CANE STAKES, GREEN

	Doz.	100
1½ ft.....	\$0.18	\$1.00
2 ft.....	.20	1.25
2½ ft.....	.25	1.50
3 ft.....	.35	2.00
4 ft.....	.50	3.00

Natural Bamboo Stakes

	Doz.	100
4 ft.....	\$1.00	\$7.00



Eliminates wood stakes with their unkempt rag and string ties.

Termite and rot proof.

Can be saved from year to year.

	Doz.
16 in.....	\$0.95
30 in.....	1.85
42 in.....	2.25
66 in.....	3.95
78 in.....	6.80

Peony Supports

Made of stiff tempered wire. Has 15-inch ring with three legs 28 inches in length. **Each 50c., doz. \$5.50.**

GARDEN TOOLS for Home Gardens

Soil Test Kits

GREEN THUMB KIT (Model T) \$9.95



Attractive economy size kit in beautiful "jewel box" plastic transparent case. Contains everything for quick reliable tests for nitrogen, phosphorus, potash and acidity. Compact case is lightweight, stain-proof and water-proof.

POPULAR GARDEN (Model H)

Makes 50 tests for nitrogen, phosphorus, potash and acidity. \$6.98.

HOME GARDENER (Model D)

Makes 20 tests for nitrogen, phosphorus, potash and acidity. \$3.98.

Model PH

Tests for soil acidity. Gives lime requirements quickly and easily. 98c.

Garden Gloves

"EEZY WEAR"



A soft, pliable, all-leather, dirt proof glove for both men and women—specially adapted for general home use, such as house work, garden, garage, furnace. Pair \$1.95.

Green Thumb Garden Gloves for the Ladies.

Three sizes, small, medium, large. 98c. pair. Men's size, 98c. pair.

Soft Touch, Household and Garden Gloves. Feel like kid, wear like iron. 98c. pair.

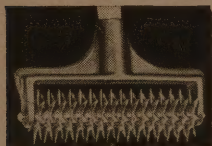
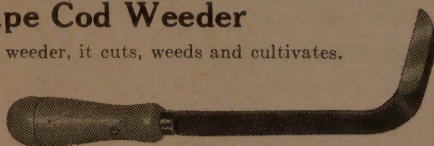
Hand Seeder

To operate, simply take the cap off and pour the seeds into the tube. Replace cap. Use thumb to regulate seed opening. Gently tap the tube and seeds will be dispensed one at a time. \$1.00.



Cape Cod Weeder

A top quality weeder, it cuts, weeds and cultivates. A favorite of many gardeners. \$1.00.



GARDEVATOR

For Lawn Care

A scientifically designed tool that prepares the soil to a soft and pliable texture. Has 16 cadmium plated, tool sharp, eight-pointed discs mounted in a solid casting. Aerates established lawns; useful as well to fresh-up ground around shrubs, trees and plants. 48-in. hardwood handle saves stooping. \$5.98.



Tree Pruner Head

Strong, durable, reinforced head, tempered steel cutting blade. Compression coil spring. Powerful "Center Cut" action. No. 111—1 in. cut.....\$4.80 No. 12—1½ in. cut.....10.50



Perm-a-nest Plant Trays

Made of polystyrene. Easy carrying, lightweight but sturdy. Ideal for starting flowering plants and vegetables indoors.

8 x 8 x 2¼ in.....\$0.49
8 x 12 x 2¼ in......59
22 x 11 x 2¼ in..... 1.98

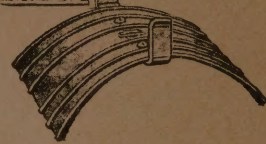
Hose Rack

Add years to the life of your hose.

Coil 100-feet neatly and easily on this practical, life-time, sturdy metal rack.

Curved plate prevents kinking.

\$1.00



Soil-Soaker

A new, hose-like waterer of special porous canvas, screws to the water hose, replacing nozzle or sprinkler. The far end is closed. Under normal pressure, water seeps through every pore, the entire length, soaks directly into the soil.

No. 1—18 ft. long.....\$2.40
No. 2—30 ft. long..... 3.70
No. 3—50 ft. long..... 6.00

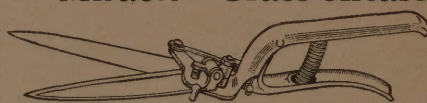
Fruit Picker

Made of steel wire galvanized, can be attached to pole of any length. Price without pole. \$1.00.

Lopping Shears

Forester—No. 1.....\$11.40 Forester—No. 2.....\$12.95
Forester—No. 3.....\$16.95

"Miracle" Grass Shears



Revolutionary new basic design makes it the easiest working shear, blades cannot stick shut or spread out of alignment. \$2.95

"Francis" Lead-headed English Wall Nails

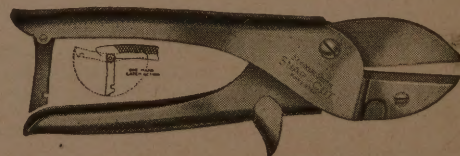
For fastening all types of Climbing Roses, etc. to brick, stucco, stone and cement walls. Top of nail projects through Lead-head for hammering. Packed 20 assorted nails to a box. 85c.



PAT. No. 12159/09

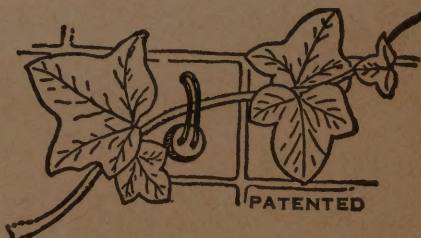
"Snap-Cut" Pruning Shears

8 in. New Spring "One Hand" Catch.....\$3.25
6 in. Ladies..... 2.59



Wayward Vine Guides

Dandy little supports for attaching Ivy, etc., to brick, cement or stone. Three colors to match your walls, white, gray and red. Box of 25, \$1.00.



SPRAYERS FOR HOME AND GARDEN Prices subject to change without notice

LITTLE GIANT

The Little Giant unquestionably is the finest Slide Type Sprayer available. Easy pumping action of plunger on both "in" and "out" strokes. Reaches 20 ft. high without effort. Swivel nozzle makes easy spraying for spots difficult to reach. Spray changes from dense fog to a full stream by a simple turn of nozzle. **\$4.95.**



BRONX SPRAYER

Unexcelled for spraying moth and fly killing liquids, greenhouse work and plants in the home. Sprays mist spray with slow, easy pump stroke up and down. Pint size, **\$2.85.**



JIM DANDY CART SPRAYER

A strong, 5-gal. compressed air sprayer mounted on a cart. Balloon tires on roller bearings. Tank made of zinc grip steel. Complete with adjustable nozzle, 12 feet of 3/8 inch spray hose and air pressure gauge. Pump of heavy seamless brass, with brass air check valve. Large handle for easy pumping. **\$50.50.**

ARNOLD GARDEN HOSE SPRAYER

Arnold GARDEN HOSE SPRAYER
with **ADJUSTABLE NOZZLE**
for CLOSE RANGE
and **LONG DISTANCE SPRAYING**

The Arnold Garden Hose Sprayer is a simple, but highly efficient mixing and spraying device which is attached to your garden hose in the place of the regular nozzle.

This Adjustable Nozzle enables the user to spray at close range or long distance, as it has a spraying range of three to twenty-five feet. Used with the various Arnold Cartridges it provides a suitable spray for the control of fungus growths, plant diseases and both sucking and chewing insects.

Complete sprayer, chrome finish. **\$6.95.**

CARTRIDGES—40c. each

Captanspray
Methoxychlor spray
Aren-O-Spray

Chlordane
33% DDT Spray
Sulph-O-Spray

P-R (Pyrethrum-Rotenone)
Nic-O-Spray
Lindane

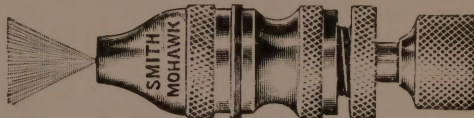
TOM THUMB SPRAYER

Popular 1 1/2-gallon sprayer, galvanized tank, 20 in. hose and 12 in. brass extension with brass adjustable nozzle. **\$8.95.**



DUSTMASTER

Is all that the name implies. A master of dust. The duster is 40 inches long when assembled and the unusually long, 20 inch pump chamber gives a large, even blast of dust with slow, easy stroke. Dusts underside of leaves on low-growing plants without stooping over, which is a great advantage. **\$2.40.**

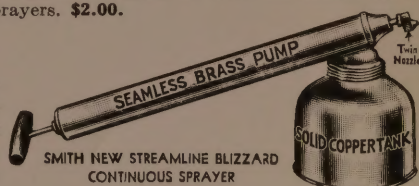


BRASS ADJUSTABLE NOZZLE

Throws broad fog mist for spraying flowers, gardens, disinfectants, etc. Also long distance spray for fruit and shade trees. Fits most all tank sprayers. **\$2.00.**

THE BLIZZARD

has a solid copper streamline tank holding more than a quart of liquid. The streamline pump barrel is of seamless brass and has a twin nozzle for straight ahead or at-an-angle spraying. **\$6.75.**



PEST-MASTER GARDEN DUSTER

A new hand-operated rotary duster. Will throw a stream of dust up to 8 feet. One filling will treat over 200 Rose bushes. This new metal duster is made of an alloy that never rusts. **\$9.95.**



REDI-MIX 2-IN-1 SPRAYER

The only sprayer that sprays everything. Features the new all-purpose baffle. Equipped with two nozzles—5-gallon nozzle designed for spraying Roses, Flowers, Plants and Shrubs and 15-gallon nozzle giving faster coverage for Lawns. Sprays liquid and soluble plant foods, insecticides, fungicides, weed killers. Sprays up or down, up to 30 ft. high. **\$4.95.**





We Recommend
These Three
Outstanding New
Tomato Varieties
of Proven Merit

↑
**EARLY
DELICIOUS
F₁ HYBRID**
(55 days)
See page 15
Pkt. 75c.

←
**WONDER
BOY
F₁ HYBRID**
(80 days)
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Pkt. 50c.

Finest Tomatoes
from Early Summer
'til Fall

**PINO'S
ALL-SEASON
TOMATO
COLLECTION**

1 pkt. each of
the 3 varieties

Only
\$1.50

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**EARLY
GIANT
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Pkt. 50c.

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